

- 629 [The origin of potency and mutant-selective inhibition by bivalent ATP-allosteric EGFR inhibitors](#) 2023
F Wittlinger, SP Chitnis, CD Pham, T Damghani, IK Schaeffner, MQ Deng, BC Ogboo, A Rasch, TS Beyett, B Buckley, F Feru, T Shaurova, C Knappe, MJ Eck, PA Hershberger, DA Scott, **SA Laufer**, DE Heppner
ChemRxiv; DOI: 10.26434/chemrxiv-2023-zzfc3
- 628 [Inherent Fluorescence Demonstrates Immunotropic Properties for Novel Janus Kinase 3 Inhibitors](#) 2023
J Laux, M Martorelli, S Strass, D Schollmeyer, F Maier, M Burnet, **SA Laufer**
ACS Pharmacology & Translational Science 2023, 6, 10, 1433-1452;
doi.org/10.1021/acsptsci.3c00119
- 627 [Linking ATP and allosteric sites to achieve superadditive binding with bivalent EGFR kinase inhibitors](#) 2023
F Wittlinger, BC Ogboo, E Shevchenko, T Damghani, CD Pham, IK Schaeffner, BT Oligny, SP Chitnis, TS Beyett, A Rasch, B Buckley, DA Urul, T Shaurova, EW May, EM Schaefer, MJ Eck, PA Hershberger, A Poso, **SA Laufer**, DE Heppner
ChemRxiv; DOI: 10.26434/chemrxiv-2023-cs3xn-v2
- 626 [Pitfalls and considerations in determining the potency and mutant selectivity of covalent epidermal growth factor receptor inhibitors](#) 2023
KW Hoyt, DA Urul, BC Ogboo, F Wittlinger, **SA Laufer**, EM Schaefer, EW May, DE Heppner
ChemRxiv; DOI: 10.26434/chemrxiv-2023-tkqqk
- 625 [Tricyclic protein kinase inhibitors for promoting liver regeneration or reducing or preventing hepatocyte death](#) 2023
M Juchum, R Selig, **S Laufer**, W Albrecht
US Patent 11,731,968
- 624 [Isolation and Identification of Phytochemicals from Maytenus dhofarensis and Their Biological Potentials](#) 2023
F Al-Rubaiai, ZZ Al-Shariqi, KS Al-Shabibi, J Husband, AM Al-Hattali, M Goettert, **S Laufer**, Y Baqi, SI Hassan, MO Fatope
Molecules 28 (16), 6077
- 623 [Imidazoquinolines with improved pharmacokinetic properties induce a high IFN \$\alpha\$ to TNF \$\alpha\$ ratio in vitro and in vivo](#) 2023
M Keppler, S Straß, S Geiger, T Fischer, N Späth, T Weinstein, A Schwamborn, J Guezguez, JH Guse, **S Laufer**, M Burnet
Frontiers in Immunology 14, 1168252
- 622 [Targeting SARS-CoV-2 Main Protease \(MPro\) with Kinase Inhibitors: A Promising Approach for Discovering Antiviral and Anti-inflammatory Molecules against SARS-CoV-2](#) 2023

- DB Anton, J Galvez Bulhões Pedreira, ML Zvirtes, **SA Laufer**, RG Ducati, M Goettert, LF Saraiva Macedo Timmers
Journal of Chemical Information and Modeling;
doi.org/10.1021/acs.jcim.3c00324
- 621 [Luteolin-7-O-Glucoside 对 6-OHDA 诱导的未分化和 RA 分化 SH-SY5Y 细胞损伤的神经保护作用](#) 2023
LF Hoffmann, A Martins, F Majolo, V Contini, **S Laufer**, MI Goettert
中国神经再生研究 (英文版) 18 (6), 1265
- 620 [A patent review of MAPK inhibitors \(2018–present\)](#) 2023
VR Wydra, RB Ditzinger, NJ Seidler, FW Hacker, **SA Laufer**
Expert Opinion on Therapeutic Patents 33 (6), 421-444
- 619 [Immune cell targeted fumaric esters support a role of GPR109A as a primary target of monomethyl fumarate in vivo](#) 2023
S Straß, J Geiger, N Cloos, N Späth, S Geiger, A Schwamborn, L De Oliveira da Cunha, M Martorelli, JH Guse, T Lucas Sandri, M Burnet, **S Laufer**
Inflammopharmacology 31 (3), 1223-1239
- 618 [Neural regeneration research model to be explored: SH-SY5Y human neuroblastoma cells](#) 2023
LF Hoffmann, A Martins, F Majolo, V Contini, **S Laufer**, MI Goettert
Neural Regeneration Research 18 (6), 1265-1266
- 617 [Design and Optimization of Novel Benzimidazole- and Imidazo\[4,5-b\]pyridine-Based ATM Kinase Inhibitors with Subnanomolar Activities](#) 2023
T Dimitrov, AA Moschopoulou, L Seidel, T Kronenberger, M Kudolo, A Poso, C Geibel, P Wölffing, D Dauch, L Zender, D Schollmeyer, J Bajorath, M Forster, **S Laufer**
Journal of Medicinal Chemistry; doi.org/10.1021/acs.jmedchem.2c02104
- 616 [Selective Inhibitors of Janus Kinase 3 Modify Responses to Lipopolysaccharides by Increasing the Interleukin-10-to-Tumor Necrosis Factor \$\alpha\$ Ratio](#) 2023
J Laux, M Martorelli, N Späth, F Maier, M Burnet, **SA Laufer**
ACS Pharmacology & Translational Science;
doi.org/10.1021/acsptsci.3c00043
- 615 [The European Federation for Medicinal Chemistry and Chemical Biology \(EFMC\) Best Practice Initiative: Hit Generation](#) 2023
J Quancard, A Vulpetti, A Bach, B Cox, SM Guéret, IV Hartung, HF Koolman, **S Laufer**, J Messinger, G Sbardella, R Craft
ChemMedChem 18 (9), e202300002
- 614 [MKK4 Inhibitors—Recent Development Status and Therapeutic Potential](#) 2023
L Katzengruber, P Sander, **S Laufer**
International Journal of Molecular Sciences 24 (8), 7495

- 613 [COVID-19 therapeutics: small-molecule drug development targeting SARS-CoV-2 main protease](#) 2023
T Kronenberger, **SA Laufer**, T Pillaiyar
Drug Discovery Today, 103579
- 612 [Isostearic acid is an active component of imiquimod formulations used to induce psoriaform disease models](#) 2023
S Straß, J Geiger, M Martorelli, S Geiger, N Cloos, M Keppler, T Fischer, L Riexinger, A Schwamborn, J Guezguez, N Späth, S Cruces, JH Guse, T Lucas Sandri, M Burnet, **S Laufer**
Inflammopharmacology 31 (2), 799-812
- 611 [3-benzoyl-1h-pyrrolo \[2, 3-b\] pyridine derivatives as mkk4 inhibitors for treating liver diseases](#) 2023
R Selig, S Laufer, W Albrecht
US Patent App. 17/792,685
- 610 [Structural elements that enable specificity for mutant EGFR kinase domains with next-generation small-molecule inhibitors.](#) 2023
T Damghani, F Wittlinger, TS Beyett, MJ Eck, **SA Laufer**, DE Heppner
- 609 [Examining molecular factors of inactive versus active bivalent EGFR inhibitors: A missing link in fragment-based drug design.](#) 2023
F Wittlinger, BC Ogboo, CD Pham, IK Schaeffner, SP Chitnis, T Damghani, TS Beyett, A Rasch, B Buckley, DA Urul, T Shaurova, EW May, EM Schaefer, MJ Eck, PA Hershberger, **SA Laufer**, DE Heppner
- 608 [Discovery of Polyphenolic Natural Products as SARS-CoV-2 M^{pro} Inhibitors for COVID-19](#) 2023
N Krüger, T Kronenberger, H Xie, C Rocha, S Pöhlmann, H Su, Y Xu, **SA Laufer**, T Pillaiyar
Pharmaceuticals 16 (2), 190
- 607 [Centrally active p38alpha inhibiting compounds](#) 2023
S Laufer, W Albrecht, P Koch, N Walter
US Patent App. 17/638,751
- 606 [Ready-to-use nanopore platform for ethanolamine quantification using an aptamer-based strand displacement assay.](#) 2023
I Quint, J Simantzik, L Kaiser, **S Laufer**, R Csuk, D Smith, M Kohl, HP Deigner
bioRxiv, 2023.02. 27.530168
- 605 [Pharmacy Archives](#) 2023
A Link, **S Laufer**, W Diederich, C Veale, A Artese, K Augustyns, ...
ARCHIV DER PHARMAZIE 356 (1)
- 604 [Anticancer Drug Conjugates Incorporating Estrogen Receptor Ligands](#) 2023
DP Zlotos, T Kronenberger, **SA Laufer**
Pharmaceutics 15 (1), 67

- 603 [Antilcerogenic Potential of the Ethanolic Extract of *Ceiba speciosa* \(A. St.-Hil.\) Ravenna Evaluated by In Vitro and In Vivo Studies](#) 2022
JA Dörr, F Majolo, L Bortoluzzi, EZ de Vargas, J Silva, M Pasini, SN Stoll, R Lopes da Rosa, M Moreira Figueira, M Fronza, WO Beys-da-Silva, A Martins, H Gaspar, RP Pedrosa, **S Laufer**, MI Goettert
International Journal of Molecular Sciences 23 (24), 15634
- 602 [Direct 3D printed biocompatible microfluidics: assessment of human mesenchymal stem cell differentiation and cytotoxic drug screening in a dynamic culture system](#) 2022
O Riester, **S Laufer**, HP Deigner
Journal of Nanobiotechnology 20 (1), 1-18
- 601 [Synthesis of a biocompatible benzophenone-substituted chitosan hydrogel as novel coating for PEEK with extraordinary strong antibacterial and anti-biofilm properties](#) 2022
M Borgolte, O Riester, I Quint, F Blendinger, V Bucher, **S Laufer**, R Csuk, L Scotti, H-P Deigner
Materials Today Chemistry 26, 101176
- 600 [Structural Basis for Inhibition of Mutant EGFR with Lazertinib \(YH25448\)](#) 2022
DE Heppner, F Wittlinger, TS Beyett, T Shaurova, DA Urul, B Buckley, CD Pham, IK Schaeffner, B Yang, BC Ogboo, EW May, EM Schaefer, MJ Eck, **SA Laufer**, PA Hershberger
ACS Medicinal Chemistry Letters 13 (12), 1856-1863
- 599 [Novel Approach to Pharmaceutical 3D-Printing Omitting the Need for Filament—Investigation of Materials, Process, and Product Characteristics](#) 2022
T Pflieger, R Venkatesh, M Dachtler, K Eggenreich, **S Laufer**, D Lunter
Pharmaceutics 14 (11), 2488
- 598 [Heteroaryl-substituted pyrazolo-pyridine protein kinase inhibitors for promoting liver regeneration or reducing or preventing hepatocyte death](#) 2022
B Pfaffenrot, R Selig, **S Laufer**, W Albrecht
US Patent App. 17/630,105
- 597 [Synergy of R\(-\) carvone and cyclohexenone-based carbasugar precursors with antibiotics to enhance antibiotic potency and inhibit biofilm formation](#) 2022
O Riester, P Burkhardtmaier, Y Gurung, **S Laufer**, HP Deigner, MS Schmidt
Scientific Reports 12 (1), 18019
- 596 [Influence of diet and MOG35-55 peptide preparation on severity, survival, incidence and body weight in murine experimental autoimmune encephalomyelitis](#) 2022
M Martorelli, J Laux, M Dengler, T Fischer, D Canjuga, A Vaiceliunaite, F Maier, M Burnet, **S Laufer**
MULTIPLE SCLEROSIS JOURNAL 28 (3_ SUPPL), 221-221

- 595 [Discovery and Development of First-in-Class ACKR3/CXCR7 Superagonists for Platelet Degranulation Modulation](#) 2022
A Bayrak, F Mohr, K Kolb, M Szpakowska, E Shevchenko, V Dicenta, A-K Rohlfing, M Kudolo, T Pantsar, M Günther, AA Kaczor, A Poso, A Chevigné, T Pillaiyar, M Gawaz, **SA Laufer**
Journal of Medicinal Chemistry 65 (19), 13365-13384
- 594 [Protein kinase inhibitors for promoting liver regeneration or reducing or preventing hepatocyte death](#) 2022
W Albrecht, S Laufer, R Selig, P Klövekorn, B Präfke
US Patent App. 17/260,519
- 593 [Pivotal blinded randomized trial of a novel pro-regenerative drug in post-resection liver failure](#) 2022
A Abu Rmilah, K Li, E Larson, S Ellias, S Klotz, B Pfaffenroth, P Klövekorn, R Selig, W Zhou, E Nelson, A Poso, H Chen, B Amiot, A Minshew, G Michalak, W Cui, W Albrecht, B Jung, O Trompak, S Zwirner, M Lutz, T Wuestefeld, **S Laufer**, L Zender, S Nyberg
Transplantation 106 (8 S), 19-20
- 592 [Scaffold modified Vemurafenib analogues as highly selective mitogen activated protein kinase kinase 4 \(MKK4\) inhibitors](#) 2022
M Juchum, B Pfaffenrot, P Klövekorn, R Selig, W Albrecht, L Zender, **SA Laufer**
European Journal of Medicinal Chemistry 240, 114584
- 591 [Pharmacokinetic Optimization of Small Molecule Janus Kinase 3 Inhibitors to Target Immune Cells](#) 2022
J Laux, M Forster, L Riexinger, A Schwamborn, J Guezguez, C Pokoj, M Kudolo, LM Berger, S Knapp, D Schollmeyer, J Guse, M Burnet, **SA Laufer**
ACS Pharmacology & Translational Science
- 590 [Novel avenue towards liver regeneration and treatment of acute and chronic liver diseases: safety and PK profile from a first-in human \(FIH\) clinical trial for HRX-0215 as first in class MKK4 inhibitor](#) 2022
B Jung, M Weissbach, M Lutz, R Selig, **S Laufer**, L Zender, M Feigh, M Berse, J Penski, E Kosmella, W Albrecht
Journal of Hepatology 77, S737-S738
- 589 [Small-Molecule Thioesters as SARS-CoV-2 Main Protease Inhibitors: Enzyme Inhibition, Structure–Activity Relationships, Antiviral Activity, and X-ray Structure Determination](#) 2022
T Pillaiyar, P Flury, N Krüger, H Su, L Schäkel, E Barbosa Da Silva, O Eppler, T Kronenberger, T Nie, S Luedtke, C Rocha, K Sylvester, MRI Petry, JH McKerrow, A Poso, S Pöhlmann, M Gütschow, AJ O'Donoghue, Y Xu, CE Müller, **SA Laufer**
Journal of Medicinal Chemistry 65 (13), 9376-9395

- 588 [Super-conserved receptors expressed in the brain: biology and medicinal chemistry efforts](#) 2022
A Bayrak, J Hanson, **S Laufer**, T Pillaiyar
Future Medicinal Chemistry 14 (12), 899-913
- 587 [Publication Criteria and Requirements for Studies on Protein Kinase Inhibitors— What Is Expected? \(“It is pretty easy to make a bad kinase inhibitor”\)](#) 2022
S Laufer, J Bajorath, M Gehringer, N Gray, S Frye, CW Lindsley
Journal of Medicinal Chemistry 65 (10), 6973 - 6974
- 586 [Development of novel urea-based ATM kinase inhibitors with subnanomolar cellular potency and high kinome selectivity](#) 2022
T Dimitrov, C Anli, AA Moschopoulou, T Kronenberger, M Kudolo, C Geibel, MP Schwalm, L Zender, M Forster, **S Laufer**
European Journal of Medicinal Chemistry 235, 114234
- 585 [2, 2, 2-Trifluoroethanol-mediated hydroarylation of fluorinated alkynes with indoles: Application to diindolylmethanes](#) 2022
P Flury, O Eppler, D Schollmeyer, **S Laufer**, T Pillaiyar
Archiv der Pharmazie, e2100488
- 584 [Target Hopping from Protein Kinases to PXR: Identification of Small-Molecule Protein Kinase Inhibitors as Selective Modulators of Pregnane X Receptor from TüKIC Library](#) 2022
EK Mustonen, T Pantsar, A Rashidian, J Reiner, M Schwab, **S Laufer**, O Burk
Cells 11 (8), 1299
- 583 [ACKR3 regulates platelet activation and ischemia-reperfusion tissue injury](#) 2022
AK Rohlfing, K Kolb, M Sigle, M Ziegler, A Bild, P Münzer, J Sudmann, V Dicenta, T Harm, MC Manke, S Geue, M Kremser, M Chatterjee, C Liang, H von Eysmond, T Dandekar, D Heinzmann, M Günter, S von Ungern-Sternberg, M Büttcher, T Castor, S Mencl, F Langhauser, K Sies, D Ashour, MC Beker, M Lämmerhofer, SE Autenrieth, TE Schäffer, **S Laufer**, P Szklanna, P Maguire, M Heikenwalder, KAL Müller, DM Hermann, E Kilic, R Stumm, G Ramos, C Kleinschnitz, O Borste, HF Langer, D Rath, M Gawaz
Nature Communications 13 (1), 1-20
- 582 [In vitro and in vivo anti-inflammatory and anticoagulant activities of Myrciaria plinioides D. Legrand ethanol leaf extract](#) 2022
DJ Marmitt, S Bitencourt, CO Coura, M Berger, D Faleiro, DM Kich, B Caye, SM Immich, A Fernandes Frota, WO Beys-da-Silva, J Almeida Guimaraes, NM Barros Benevides, **S Laufer**, MI Goettert
Inflammopharmacology 30 (2), 565-577
- 581 [Gefitinib-Tamoxifen Hybrid Ligands as Potent Agents against Triple-Negative Breast Cancer](#) 2022

- CM Abdelmalek, Z Hu, T Kronenberger, J Küblbeck, FJM Kinnen, SS Hesse, A Malik, M Kudolo, R Niess, M Gehringer, L Zender, PA Witt-Enderby, DP Zlotos, **SA Laufer**
Journal of Medicinal Chemistry 65 (6), 4616-4632
- 580 [Neuroprotective Effect of Luteolin-7-O-Glucoside against 6-OHDA-Induced Damage in Undifferentiated and RA-Differentiated SH-SY5Y Cells](#) 2022
SCH Rehfeldt, J Silva, C Alves, S Pinteus, R Pedrosa, **S Laufer**, MI Goettert
International Journal of Molecular Sciences 23 (6), 2914
- 579 [Development of the first covalent monopolar spindle kinase 1 \(MPS1/TTK\) Inhibitor](#) 2022
RA M. Serafim, A da Silva Santiago, MP Schwalm, Z Hu, CV Dos Reis, JE Takarada, P Mezzomo, KB Massirer, M Kudolo, S Gerstenecker, A Chaikuad, L Zender, S Knapp, **S Laufer**, RM Counago, M Gehringer
Journal of Medicinal Chemistry 65 (4), 3173-3192
- 578 [Decisive role of water and protein dynamics in residence time of p38 \$\alpha\$ MAP kinase inhibitors](#) 2022
T Pantsar, PD Kaiser, M Kudolo, M Forster, U Rothbauer, **SA Laufer**
Nature Communications 13 (1), 1-14
- 577 [The functional role of p38 MAPK pathway in malignant brain tumors](#) 2022
N Grave, TB Scheffel, FF Cruz, L Rockenbach, MI Goettert, S Laufer, ...
Frontiers in Pharmacology 13
- 576 [Discrepancy in interactions and conformational dynamics of pregnane X receptor \(PXR\) bound to an agonist and a novel competitive antagonist](#) 2022
A Rashidian, EK Mustonen, T Kronenberger, M Schwab, O Burk, **SA Laufer**, T Pantsar
Computational and Structural Biotechnology Journal 20, 3004-3018
- 575 [New Horizons in Drug Discovery-Understanding and Advancing Different Types of Kinase Inhibitors: Seven Years in Kinase Inhibitor Research with Impressive Achievements and New Future Prospects](#) 2021
S Laufer, J Bajorath
Journal of Medicinal Chemistry 65 (2), 891-892
- 574 [High-Throughput Screening Platform in Postnatal Heart Cells and Chemical Probe Toolbox to Assess Cardiomyocyte Proliferation](#) 2021
C Carrillo García, C Becker, M Forster, S Lohmann, P Freitag, **S Laufer**, S Sievers, BK Fleischmann, M Hesse, D Schade
Journal of Medicinal Chemistry 65 (2), 1505-1524
- 573 [Design of a “two-in-one” mutant-selective epidermal growth factor receptor inhibitor that spans the orthosteric and allosteric sites](#) 2021
F Wittlinger, DE Heppner, C To, M Günther, BH Shin, JK Rana, AM Schmoker, TS Beyett, LM Berger, BT Berger, N Bauer, JD Vasta, CR Corona, MB Robers, S Knapp, PA Janne, MJ Eck, **SA Laufer**

Journal of Medicinal Chemistry 65 (2), 1370-1383

- 572 [Biosynthesis of iron oxide magnetic nanoparticles using clinically isolated *Pseudomonas aeruginosa*](#) 2021
AA Khan, S Khan, S Khan, S Rentschler, **S Laufer**, HP Deigner
Scientific Reports 11 (1), 1-10
- 571 [Dataset \(X\) related to publication: Decisive Role of Water and Protein Dynamics in Residence Time of p38a MAP Kinase Inhibitors](#) 2021
T Pantsar, **S Laufer**
- 570 [Discovery of a Potent and Highly Isoform-Selective Inhibitor of the Neglected Ribosomal Protein S6 Kinase Beta 2 \(S6K2\)](#) 2021
S Gerstenecker, L Haarer, M Schröder, M Kudolo, MP Schwalm, V Wydra, RAM Serafim, A Chaikuad, S Knapp, **S Laufer**, M Gehringer
Cancers 13 (20), 5133
- 569 [Methacryloyl-GlcNAc Derivatives Copolymerized with Dimethacrylamide as a Novel Antibacterial and Biocompatible Coating](#) 2021
M Borgolte, O Riester, T Kacerova, S Rentschler, MS Schmidt, S Jacksch, M Egert, **S Laufer**, R Csuk, HP Deigner
Pharmaceutics 13 (10), 1647
- 568 [The pre-clinical discovery and development of osimertinib used to treat non-small cell lung cancer](#) 2021
F Wittlinger, **SA Laufer**
Expert Opinion on Drug Discovery 16 (10), 1091-1103
- 567 [1st IN CLASS SMALL MOLECULE INHIBITORS OF MKK4 EXERT PRONOUNCED THERAPEUTIC EFFICACY IN RODENT AND NON-RODENT MODELS OF ACUTE AND CHRONIC LIVER FAILURE](#) 2021
S Klotz, A Abu Rmilah, B Pfaffenrot, P Kloeveborn, R Selig, K Li, W Zhou, E Nelson, A Poso, H Chen, B Amiot, Y Jia, A Minshew, G Michalak, W Cui, W Albrecht, J Birgit, O Trompak, S Zwirner, M Lutz, T Wuestefeld, **S Laufer**, SL Nyberg, L Zender
HEPATOLOGY 74, 157A-157A
- 566 [Neuropsychiatric Disorders and COVID-19: What We Know So Far](#) 2021
F Majolo, GL Silva, L Vieira, C Anli, LFSM Timmers, **S Laufer**, MI Goettert
Pharmaceutics 14 (9), 933
- 565 [Development of a Selective Dual Discoidin Domain Receptor \(DDR\)/p38 Kinase Chemical Probe](#) 2021
S Röhm, BT Berger, M Schröder, D Chatterjee, S Mathea, AC Joerger, DM Pinkas, JC Bufton, A Tjaden, L Kovooru, M Kudolo, C Pohl, AN Bullock, S Müller, **S Laufer**, S Knapp
Journal of Medicinal Chemistry 64 (18), 13451-13474
- 564 [Controlling the covalent reactivity of a kinase inhibitor with light](#) 2021

- M Reynders, A Chaikuad, BT Berger, K Bauer, P Koch, **S Laufer**, S Knapp, .D Trauner
 Angewandte Chemie International Edition 60 (37), 20178-20183
- 563 [Chemical Probes for Understudied Kinases: Challenges and Opportunities](#) 2021
 RAM Serafim, JM Elkins, WJ Zuercher, **SA Laufer**, M Gehringer
 Journal of Medicinal Chemistry 65 (2), 1132-1170
- 562 [Tricyclic protein kinase inhibitors for promoting liver regeneration or reducing or preventing hepatocyte death](#) 2021
 M Juchum, R Selig, S Laufer, W Albrecht
 US Patent App. 17/254,071
- 561 [Improved Multigram Route to a Tricyclic Key Intermediate for Dibenzosuberone-Based p38 Inhibitors via an Optimized Early-Stage Heck Coupling](#) 2021
 M Forster, HK Wentsch-Teltschik, **SA Laufer**
 Organic Process Research & Development 25 (8), 1831-1840
- 560 [Synthesis, Characterization, and in vivo Distribution of Intracellular Delivered Macrolide Short-Chain Fatty Acid Derivatives](#) 2021
 S Straß, A Schwamborn, M Keppler, N Cloos, J Guezguez, JH Guse, M Burnet, **S Laufer**
 ChemMedChem 16 (14), 2254-2269
- 559 [Design, Synthesis and Biological Evaluation of Novel Pyrazolo \[1, 2, 4\] triazolopyrimidine Derivatives as Potential Anticancer Agents](#) 2021
 S Aliwaini, B Abu Thaher, I Al-Masri, N Shurrab, S El-Kurdi, D Schollmeyer, B Qeshta, M Ghunaim, R Csuk, S Laufer, L Kaiser, HP Deigner
 Molecules 26 (13), 4065
- 558 [Addressing a Trapped High-Energy Water: Design and Synthesis of Highly Potent Pyrimidoindole-Based Glycogen Synthase Kinase-3 \$\beta\$ Inhibitors](#) 2021
 S Andreev, T Pantsar, R Tesch, N Kahlke, A El-Gokha, F Ansideri, L Grätz, J Romaco, G Sita, C Geibel, M Lämmerhofer, A Tarozzi, S Knapp, **SA Laufer**, P Koch
 Journal of Medicinal Chemistry 65 (2), 1283-1301
- 557 [Protein kinase inhibitors for promoting liver regeneration or reducing or preventing hepatocyte death](#) 2021
 W Albrecht, **S Laufer**, R Selig, P Klövekorn, B Präfke
 US Patent 11,040,027
- 556 [Simplifying Submission Requirements for the Journal of Medicinal Chemistry](#) 2021
 CW Lindsley, J Barrow, K Chibale, ML Bolognesi, S Conway, W Denny, K Ding, **S Laufer**, L Lai, H Liu, N Neamati, T Suzuki, N Meanwell, W Young
 Journal of Medicinal Chemistry 64 (12), 7877-7878

- 555 [SARS-CoV-2 mutations in Brazil: from genomics to putative clinical conditions](#) 2021
LFSM Timmers, JV Peixoto, RG Ducati, JFR Bachega, L de Mattos Pereira, RA Caceres, F Majolo, G Liberato da Silva, D Bublitz Anton, OA Dallagostin, JA Pegas Henriques, LL Xavier, MI Goettert, **S Laufer**
Scientific Reports 11 (1), 1-14
- 554 [The European Federation for Medicinal Chemistry and Chemical Biology \(EFMC\) Best Practice Initiative: Phenotypic Drug Discovery](#) 2021
J Quancard, A Bach, B Cox, R Craft, D Finsinger, SM Guéret, IV Hartung, **S Laufer**, J Messinger, G Sbardella, HF Koolman
ChemMedChem 16 (11), 1737-1740
- 553 [Design and synthesis of 1H-pyrazolo \[3, 4-b\] pyridines targeting mitogen-activated protein kinase kinase 4 \(MKK4\)-A promising target for liver regeneration](#) 2021
B Pfaffenrot, P Klövekorn, M Juchum, R Selig, W Albrecht, L Zender, **SA Laufer**
European Journal of Medicinal Chemistry 218, 113371
- 552 [Kinases as potential therapeutic targets for anti-coronaviral therapy](#) 2021
T Pillaiyar, **S Laufer**
Journal of Medicinal Chemistry 65 (2), 955-982
- 551 [Current jakinibs for the treatment of rheumatoid arthritis: a systematic review](#) 2021
CM Rocha, AM Alves, BF Bettanin, F Majolo, M Gehringer, **S Laufer**, MI Goettert
Inflammopharmacology 29 (3), 595-615
- 550 [Design and Synthesis of Highly Selective Brain Penetrant p38 \$\alpha\$ Mitogen-Activated Protein Kinase Inhibitors](#) 2021
NM Tormählen, M Martorelli, A Kuhn, F Maier, J Guezguez, M Burnet, W Albrecht, **SA Laufer**, P Koch
Journal of Medicinal Chemistry 65 (2), 1225-1242
- 549 [Combining aptamers and antibodies: Lateral flow quantification for thrombin and interleukin-6 with smartphone readout](#) 2021
M Mahmoud, C Ruppert, S Rentschler, **S Laufer**, HP Daigner
Sensors and Actuators B: Chemical 333, 129246
- 548 [A highly selective in vitro jnk3 inhibitor, fmu200, restores mitochondrial membrane potential and reduces oxidative stress and apoptosis in sh-sy5y cells](#) 2021
SCH Rehfeldt, **S Laufer**, MI Goettert
International Journal of Molecular Sciences 22 (7), 3701
- 547 [A special view of what was almost forgotten: p38 \$\delta\$ MAPK](#) 2021
DB Anton, RG Ducati, LFSM Timmers, S Laufer, MI Goettert
Cancers 13 (9), 2077

- 546 [Synthesis, characterization and in vivo distribution of intracellular delivered macrolide SCFA derivatives.](#) 2021
M Burnet, S Strass, A Schwamborn, M Keppler, J Guezguez, JH Guse, **S Laufer**, N Cloos
ChemMedChem 16 (14), 2254-2269
- 545 [Proteinkinase Inhibitors](#) 2021
S Laufer (Editor)
Topics in Medicinal Chemistry, Springer
ISBN 978-3-030-68179-1
- 544 [Protein kinase mkk4 inhibitors for promoting liver regeneration or reducing or preventing hepatocyte death](#) 2021
B Praefke, P Klövekorn, R Selig, W Albrecht, **S Laufer**
US Patent App. 16/965,912
- 543 [Identification of novel pregnane X receptor antagonists in the Tubingen kinase inhibitor collection \(TuKIC\) compound library](#) 2021
EK Mustonen, T Pantsar, A Rashidian, **S Laufer**, M Schwab, O Burk
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY
394 (SUPPL 1), S43-S43
- 542 [SARS-CoV-2 mutations in Brazil: from genomics to clinical conditions](#) 2021
L Timmers, J Peixoto, R Ducati, JF Bachega, LM Pereira, RA Caceres, F Majolo, G Liberato Da Silva, D Bublitz Anton, MI Goettert, OA Dellagostin, J Henriques, L Xavier, **S Laufer**
Scientific Reports 11
- 541 [Review of trials currently testing stem cells for treatment of respiratory diseases: Facts known to date and possible applications to COVID-19](#) 2021
F Majolo, GL da Silva, L Vieira, LFSM Timmers, **S Laufer**, MI Goettert
Stem Cell Reviews and Reports 17 (1), 44-55
- 540 [LXR \$\alpha\$ activation and Raf inhibition trigger lethal lipotoxicity in liver cancer](#) 2021
R Rudalska, J Harbig, MT Snaebjornsson, S Klotz, S Zwirner, L Taranets, F Heinzmann, T Kronenberger, M Forster, W Cui, L D'Artista, E Einig, M Hinterleitner, W Schmitz, A Dylawerska, TW Kang, A Poso, MT Rosenfeldt, NP Malek, M Bitzer, **S Laufer**, BJ Pichler, N Popov, A Schulze, L Zender, D Dauch
Nature Cancer 2 (2), 201-217
- 539 [N-\(6-Chloro-3-nitropyridin-2-yl\)-5-\(1-methyl-1H-pyrazol-4-yl\)isoquinolin-3-amine](#) 2021
V Wydra, S Gerstenecker, D Schollmeyer, S Andreev, T Dimitrov, RAM Serafim, **S Laufer**, M Gehringer
Molbank 2021 (1), M1181
- 538 [From off-to on-target: New BRAF-inhibitor-template-derived compounds selectively targeting mitogen activated protein kinase kinase 4 \(MKK4\)](#) 2021

- P Kloevekorn, B Pfaffenrot, M Juchum, R Selig, W Albrecht, L Zender,
SA Laufer
European Journal of Medicinal Chemistry 210, 112963
- 537 [Design and synthesis of novel fluorescently labeled analogs of vemurafenib targeting MKK4](#) 2021
T Kircher, T Pantsar, A Oder, JP von Kries, M Juchum, B Pfaffenrot, P Kloevekorn, W Albrecht, R Selig, **S Laufer**
European Journal of Medicinal Chemistry 209, 112901
- 536 [Molecular Design of a “Two-in-One” Orthosteric-Allosteric Chimeric Mutant Selective EGFR Inhibitor](#) 2021
F Wittlinger, DE Heppner, C To, M Guenther, BH Shin, JK Rana, AM Schmoker, TS Beyett, PA Jänne, MJ Eck, **S Laufer**
Journal of Medicinal Chemistry 65 (2), 1370-1383
- 535 [c-Jun N-terminal kinase inhibitors as potential leads for new therapeutics for Alzheimer’s diseases](#) 2020
SC Hepp Rehfeldt, F Majolo, MI Goettert, **S Laufer**
International Journal of Molecular Sciences 21 (24), 9677
- 534 [The European Federation for Medicinal Chemistry \(EFMC\) Best Practice Initiative: Validating Chemical Probes](#) 2020
J Quancard, B Cox, D Finsinger, SM Guéret, IV Hartung, HF Koolman, J Messinger, G Sbardella, **S Laufer**
ChemMedChem 15 (24), 2388-2390
- 533 [Selective targeting of the \$\alpha\$ C and DFG-out pocket in p38 MAPK](#) 2020
S Roehm, M Schröder, JE Dwyer, CS Widdowson, A Chaikuad, BT Berger, AC Joerger, A Krämer, J Harbig, D Dauch, M Kudolo, **S Laufer**, MC Bagley, S Knapp
European Journal of Medicinal Chemistry 208, 112721
- 532 [Discovery of a novel class of covalent dual inhibitors targeting the protein kinases BMX and BTK](#) 2020
M Forster, XJ Liang, M Schröder, S Gerstenecker, A Chaikuad, S Knapp, **S Laufer**, M Gehring
International Journal of Molecular Sciences 21 (23), 9269
- 531 [Duplex Shiny app quantification of the sepsis biomarkers C-reactive protein and interleukin-6 in a fast quantum dot labeled lateral flow assay](#) 2020
C Ruppert, L Kaiser, LJ Jacob, **S Laufer**, M Kohl, HP Deigner
Journal of Nanobiotechnology 18 (1), 1-11
- 530 [Chemical Space Exploration of Oxetanes](#) 2020
FRS Alves, RM Couñago, **S Laufer**
International Journal of Molecular Sciences 21 (21), 8199
- 529 [Discovery and Evaluation of Enantiopure 9H-pyrimido\[4,5-b\]indoles as Nanomolar GSK-3 \$\beta\$ Inhibitors with Improved Metabolic Stability](#) 2020

- S Andreev, T Pantsar, A El-Gokha, F Ansideri, M Kudolo, DB Anton, G Sita, J Romasco, C Geibel, M Lämmerhofer, MI Goettert, A Tarozzi, **SA Laufer**, P Koch
International Journal of Molecular Sciences 21 (21), 7823
- 528 [Identifying representative kinases for inhibitor evaluation via systematic analysis of compound-based target relationships](#) 2020
O Laufkötter, **S Laufer**, J Bajorath
European Journal of Medicinal Chemistry 204, 112641
- 527 [Kinase inhibitor data set for systematic analysis of representative kinases across the human kinome](#) 2020
O Laufkötter, **S Laufer**, J Bajorath
Data in Brief 32, 106189
- 526 [New Horizons in Drug Discovery-Understanding and Advancing Kinase Inhibitors: Special Issue and Call for Papers](#) 2020
S Laufer, K Briner, J Bajorath, GI Georg, S Wang
Journal of Medicinal Chemistry 63 (15), 7921-7922
- 525 [Candidate drugs against SARS-CoV-2 and COVID-19](#) 2020
DL McKee, A Sternberg, U Stange, **S Laufer**, C Naujokat
Pharmacological Research 157, 104859
- 524 [An updated patent review of p38 MAP kinase inhibitors \(2014-2019\)](#) 2020
V Haller, P Nahidino, M Forster, **SA Laufer**
Expert Opinion on Therapeutic Patents 30 (6), 453-466
- 523 [Neuroprotective potential of Myrciaria plinioides D. Legrand extract in an in vitro human neuroblastoma model](#) 2020
DJ Marmitt, C Alves, J Silva, S Pinteus, T Schneider, RCV Santos, EM de Freitas, R Pedrosa, **S Laufer**, MI Goettert
Inflammopharmacology 28 (3), 737-748
- 522 [Dapsone is not a pharmacodynamic lead compound for its aryl derivatives](#) 2020
T Scior, HH Abdallah, K Salvador-Atonal, **S Laufer**
Current Computer-aided Drug Design 16 (3), 327-339
- 521 [Bioisosteric Replacement of Arylamide-Linked Spine Residues with N-Acylhydrazones and Selenophenes as a Design Strategy to Novel Dibenzosuberone Derivatives as Type I ½ p38α MAP Kinase Inhibitors](#) 2020
JGB Pedreira, P Nahidino, M Kudolo, T Pantsar, BT Berger, M Forster, S Knapp, **S Laufer**, EJ Barreiro
Journal of Medicinal Chemistry 63 (13), 7347-7354
- 520 [Antimicrobial and antileukemic effects: in vitro activity of Calypttranthes grandifolia aqueous leaf extract](#) 2020
F Majolo, S Bitencourt, B Wissmann Monteiro, G Viegas Haute, C Alves, J Silva, S Pinteus, RC Vianna Santos, HF Vieira Torquato, EJ Paredes-Gamero, JR Oliveira, CF Volken De Souza, RF Pinto Pedrosa, **S Laufer**, MI Goettert

- Journal of Toxicology and Environmental Health, Part A 83 (8), 289-301
- 519 [Structural basis for EGFR mutant inhibition by trisubstituted imidazole inhibitors](#) 2020
DE Heppner, M Günther, F Wittlinger, **SA Laufer**, MJ Eck
Journal of Medicinal Chemistry 63 (8), 4293-4305
- 518 [The Investigation of Lipoxygenases as Therapeutic Targets in Malignant Pleural Mesothelioma](#) 2020
L Oguh-Olayinka, V Agarwal, D Ranatunge, A Campbell, **S Laufer**, L Cawkwell, MJ Lind
Pathology & Oncology Research 26 (2), 985-995
- 517 [Mapping the S1 and S1' subsites of cysteine proteases with new dipeptidyl nitrile inhibitors as trypanocidal agents](#) 2020
L Cianni, C Lemke, E Gilberg, C Feldmann, F Rosini, FR Rocho, JFR Ribeiro, DY Tezuka, CD Lopes, S de Albuquerque, J Bajorath, **S Laufer**, A Leitao, M Gütschow, CA Montanari
PLoS Neglected Tropical Diseases 14 (3), e0007755
- 516 [Promiscuity analysis of a kinase panel screen with designated p38 alpha inhibitors](#) 2020
M González-Medina, F Miljković, GS Haase, P Drueckes, J Trappe, **S Laufer**, J Bajorath
European Journal of Medicinal Chemistry 187, 112004
- 515 [P139 EFFECT OF LYSOSOMAL SHORT CHAIN FATTY ACID DELIVERY ON IMMUNE RESPONSE](#) 2020
S Strass, C Heinzel, N Cloos, M Keppler, J Guse, M Burnet, **S Laufer**
Inflammatory Bowel Diseases 26 (Supplement_1), S12-S12
- 514 [P139 EFFECT OF LYSOSOMAL SHORT CHAIN FATTY ACID DELIVERY ON IMMUNE RESPONSE](#) 2020
S Strass, C Heinzel, N Cloos, M Keppler, J Guse, M Burnet, **S Laufer**
Gastroenterology 158 (3), S20
- 513 [Sorafenib activity and disposition in liver cancer does not depend on organic cation transporter 1](#) 2020
M Chen, C Neul, E Schaeffeler, F Frisch, S Winter, M Schwab, H Koepsell, S Hu, **S Laufer**, SD Baker, A Sparreboom, AT Nies
Clinical Pharmacology & Therapeutics 107 (1), 227-237
- 512 [In vitro activities of Ceiba speciosa \(A.St.-Hil\) Ravenna aqueous stem bark extract](#) 2019
JA Dörr, S Bitencourt, L Bortoluzzi, C Alves, J Silva, S Stoll, S Pinteus, AA Boligon, RC Vianna Santos, **S Laufer**, R Pedrosa, MI Goettert
Natural Product Research 33 (23), 3441-3444
- 511 [Evaluation of the therapeutic potential of the selective p38 MAPK inhibitor Skepinone-L and the dual p38/JNK 3 inhibitor LN 950 in experimental K/BxN serum transfer arthritis](#) 2019

- P Guenthoer, K Fuchs, G Reischl, L Quintanilla-Martinez, I Gonzalez-Menendez, **S Laufer**, BJ Pichler, M Kneiling
 Inflammopharmacology 27 (6), 1217-1227
- 510 [Discovery of potent p38 \$\alpha\$ MAPK inhibitors through a funnel like workflow combining in silico screening and in vitro validation](#) 2019
 A Astolfi, M Kudolo, J Brea, G Manni, G Manfroni, D Palazzotti, S Sabatini, F Ceccetti, T Felicetti, R Cannalire, S Massari, O Tabarrini, MI Loza, F Fallarino, V Ceccetti, **SA Laufer**, ML Barreca
 European Journal of Medicinal Chemistry 182, 111624
- 509 [Fast iterative synthetic approach toward identification of novel highly selective p38 MAP kinase inhibitors](#) 2019
 S Röhm, BT Berger, M Schröder, A Chaikuad, R Winkel, KFW Hekking, JJC Benningshof, G Müller, R Tesch, M Kudolo, M Forster, **S Laufer**, S Knapp
 Journal of Medicinal Chemistry 62 (23), 10757-10782
- 508 [Visual aptamer-based capillary assay for ethanolamine using magnetic particles and strand displacement](#) 2019
 M Mahmoud, **S Laufer**, HP Deigner
 Microchimica Acta 186 (11), 1-8
- 507 [Pyridinylimidazoles as GSK3 \$\beta\$ inhibitors: the impact of tautomerism on compound activity via water networks](#) 2019
 F Heider, T Pantsar, M Kudolo, F Ansideri, A De Simone, L Pruccoli, T Schneider, MI Goettert, A Tarozzi, V Andrisano, **SA Laufer**, P Koch
 ACS Medicinal Chemistry Letters 10 (10), 1407-1414
- 506 [Targeting the r-spine: Design, synthesis, and biological evaluation of novel type II/2 p38 alpha MAP kinase inhibitors with excellent selectivity, high potency, and prolonged target residence time. Implication for cancer- and CNS-applications](#) 2019
S Laufer, H Wentsch, N Walter, M Laemmerhofer, R Buijsman, D Rauh, L Zender
 ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY 258
- 505 [Pyridinylimidazoles as dual glycogen synthase kinase 3 \$\beta\$ /p38 \$\alpha\$ mitogen-activated protein kinase inhibitors](#) 2019
 F Heider, F Ansideri, R Tesch, T Pantsar, U Haun, E Döring, M Kudolo, A Poso, W Albrecht, **SA Laufer**, P Koch
 European Journal of Medicinal Chemistry 175, 309-329
- 504 [Natural chromones as potential anti-inflammatory agents: Pharmacological properties and related mechanisms](#) 2019
 LCF Opretzka, RF do Espírito-Santo, OA Nascimento, LS Abreu, IM Alves, E Döring, MB Pereira Soares, E da Silva Velozo, **SA Laufer**, CF Villarreal
 International Immunopharmacology 72, 31-39

- 503 [Liver X receptor mediated lipotoxicity represents a treatment option for liver cancer](#) 2019
R Rudalska, J Harbig, M Snaebjoernsson, L Taranets, F Heinzmann, S Zwirner, WC Hu, T Kronenberger, TW Kang, A Poso, **S Laufer**, M Rosenfeldt, NP Malek, B Pichler, N Popov, A Schulze, L Zender, D Dauch
Cancer Research 79 (13_Supplement), 4377-4377
- 502 [Myricetin inhibits panel of kinases implicated in tumorigenesis](#) 2019
S Stoll, S Bitencourt, **S Laufer**, M Inês Goettert
Basic & Clinical Pharmacology & Toxicology 125 (1), 3-7
- 501 [Design, Synthesis and Biological Evaluation of 7-Chloro-9H-pyrimido\[4,5-b\]indole-based Glycogen Synthase Kinase-3 \$\beta\$ Inhibitors](#) 2019
S Andreev, T Pantsar, F Ansideri, M Kudolo, M Forster, D Schollmeyer, **SA Laufer**, P Koch
Molecules 24 (12), 2331
- 500 [Are peptides a solution for the treatment of hyperactivated JAK3 pathways?](#) 2019
A Dullius, CM Rocha, **S Laufer**, CFV de Souza, MI Goettert
Inflammopharmacology 27 (3), 433-452
- 499 [Data for homogeneous thermofluorimetric assays for ethanolamine using aptamers and a PCR instrument](#) 2019
M Mahmoud, **S Laufer**, HP Deigner
Data in Brief 24, 103946
- 498 [Adjunctive role of Calyptanthes tricona extract with probiotic Kluyveromyces marxianus on colorectal adenocarcinoma Caco-2 cells](#) 2019
DM Kich, S Bitencourt, D Faleiro, SM Immich, DJ Marmitt, T Baldasso, G Viegas Haute, J Rodrigues de Oliveira, **S Laufer**, R Pedrosa, CF Volken de Souza, MI Goettert
Phytochemistry Letters 30, 1-5
- 497 [An aptamer based thermofluorimetric assay for ethanolamine](#) 2019
M Mahmoud, **S Laufer**, HP Deigner
Biochimie 158, 233-237
- 496 [Selective targeting of JAK3 with new small molecular compounds](#) 2019
J Holstein, M Forster, **S Laufer**, K Ghoreschi
EXPERIMENTAL DERMATOLOGY 28 (3), E72-E72
- 495 [N¹-{4-\[2-\(Methylthio\)-1H-imidazol-5-yl\]pyridin-2-yl}benzene-1,4-diamine](#) 2019
A El-Gokha, F Ansideri, S Andreev, D Schollmeyer, **S Laufer**, P Koch
Molbank 2019 (1), M1048
- 494 [Synthesis and structure-activity-relationship of 3, 4-Diaryl-1H-pyrrolo \[2, 3-b\] pyridines as irreversible Inhibitors of mutant EGFR-L858R/T790M](#) 2019
M Günther, J Laux, **S Laufer**

- European Journal of Pharmaceutical Sciences 128, 91-96
- 493 [JAK3 and p38 MAPK inhibitors regulates hepatocellular carcinoma proliferation](#) 2019
M Goettert, T Schneider, **S Laufer**
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY
392, S51-S51
- 492 [A smartphone readout system for gold nanoparticle-based lateral flow assays: Application to monitoring of digoxigenin](#) 2019
C Ruppert, N Phogat, **S Laufer**, M Kohl, HP Deigner
Microchimica Acta 186 (2), 1-9
Electronic Supplementary Material (ESM) on “A Smartphone readout...”
- 491 [Sorafenib therapy for treatment of liver cancer is independent from organic cation transporter 1 \(OCT1/SLC22A1\)](#) 2019
M Chen, C Neul, E Schaeffeler, F Frisch, S Winter, M Schwab, H Koepsell, S Hu, **S Laufer**, SD Baker, A Sparreboom, AT Nies
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY
392, S17-S18
- 490 [A novel scaffold for EGFR inhibition: introducing N-\(3-\(3-phenylureido\)quinoxalin-6-yl\) acrylamide derivatives](#) 2019
DN do Amaral, J Lategahn, HH Fokoue, EMB da Silva, CMR Sant’Anna, D Rauh, EJ Barreiro, **S Laufer**, L Moreira Lim
Scientific Reports 9 (1), 1-12
Supplementary Material on “A novel Scaffold for EGFR...”
- 489 [Cysteine-type cathepsins promote the effector phase of acute cutaneous delayed-type hypersensitivity reactions](#) 2019
J Schwenck, A Maurer, B Fehrenbacher, R Mehling, P Knopf, N Mucha, D Haupt, K Fuchs, CM Grissinger, D Bukala, J Holstein, M Schaller, I Gozalez Menendez, K Ghoreschi, L Quintanilla-Martinez, M Gütschow, **S Laufer**, T Reinheckel, M Röcken, H Kalbacher, BJ Pichler, M Kneiling
Theranostics 9 (13), 3903
- 488 [Emerging and re-emerging warheads for targeted covalent inhibitors: applications in medicinal chemistry and chemical biology](#) 2018
M Gehringer, **SA Laufer**
Journal of Medicinal Chemistry 62 (12), 5673-5724
- 487 [In vitro activities of Ceiba speciosa \(A.St.-Hil\) Ravenna aqueous stem bark extract](#) 2018
JA Dörr, S Bitencourt, L Bortoluzzi, C Alves, J Silva, SN Stoll, SF Goncalves Pinteus, A Augusti Boligon, RC Vianna Santos, **S Laufer**, R Pedrosa, MI Goettert
Natural Product Research 33 (46): 1-4
- 486 [Donated chemical probes for open science: Shown here are target and compound related criteria applied by the Structural Genomics Consortium.](#) 2018
S. Müller, S Ackloo, CH Arrowsmith, M Bauser, JL Baryza, J Blagg, J

Böttcher, C Bountra, PJ Brown, ME Bunnage, AJ Carter, D Damerell, V Dötsch, DH Drewry, AM Edwards, J Edwards, JM Elkins, C Fischer, SV Frye, A Gollner, C Grimshaw, A IJzerman, T Hanke, IV Hartung, S Hitchcock, T Howe, TV Hughes, **S Laufer**, V Li, S Liras, BD Marsden, H Matsui, J Mathias, RC O'Hagan, DR Owen, V Pande, D Rauh, SH Rosenberg, B Roth, N Schneider, C Scholten, KS Saikatendu, A Simeonov, M Takizawa, C Tse, PR Thompson, DK Treiber, AY Viana, CI Wells, TM Willson, WJ Zuercher, S Knapp, A Mueller-Fahnow
eLife Sciences 7

- 485 [Substituted benzamides from anti-inflammatory and p38 kinase inhibitors to antitubercular activity: design, synthesis and screening](#) 2018
R Kulkarni, U Mitkari, G Achaiah, **S Laufer**, D Bikshapti, VM Chandrashekar, PB Gurav, SJ Joshi, VD Chipade
Mini Reviews in Medicinal Chemistry 18 (17), 1486-1497
- 484 [Kinase inhibitors](#) 2018
P Koch, **S Laufer**
Molecules 23 (7), 1818
- 483 [Structural Optimization of a Pyridinylimidazole scaffold: shifting the selectivity from p38 \$\alpha\$ mitogen-activated protein kinase to c-Jun N-terminal kinase 3](#) 2018
F Ansideri, JT Macedo, M Eitel, A El-Gokha, DS Zinad, C Scarpellini, M Kudolo, D Schollmeyer, FM Boeckler, BS Blaum, **SA Laufer**, P Koch
ACS Omega 3 (7), 7809-7831
- 482 [NB 06: From a simple lysosomotropic aSMase inhibitor to tools for elucidating the role of lysosomes in signaling apoptosis and LPS-induced inflammation](#) 2018
M Blaess, N Bibak, RA Claus, M Kohl, GA Bonaterra, R Kinscherf, **S Laufer**, HP Deigner
European Journal of Medicinal Chemistry 153, 73-104
- 481 [Development, Optimization, and Structure–Activity Relationships of Covalent-Reversible JAK3 Inhibitors Based on a Tricyclic Imidazo\[5,4-*d*\]pyrrolo\[2,3-*b*\]pyridine scaffold](#) 2018
M Forster, A Chaikuad, T Dimitrov, E Döring, J Holstein, BT Berger, M Gehringer, K Ghoreschi, S Müller, S Knapp, **SA Laufer**
Journal of Medicinal Chemistry 61 (12), 5350-5366
- 480 [The cysteinome of protein kinases as a target in drug development](#) 2018
A Chaikuad, P Koch, **SA Laufer**, S Knapp
Angewandte Chemie International Edition 57 (16), 4372-4385
- 479 [Das Cysteinom der Proteinkinasen als Zielstruktur in der Arzneistoffentwicklung](#) 2018
A Chaikuad, P Koch, **SA Laufer**, S Knapp
Angewandte Chemie 130 (16), 4456-4470

- 478 [A Diverse and Versatile Regiospecific Synthesis of Tetrasubstituted Alkylsulfanylimidazoles as p38 \$\alpha\$ Mitogen-Activated Protein Kinase Inhibitors](#) 2018
F Ansideri, S Andreev, A Kuhn, W Albrecht, **SA Laufer**, P Koch
Molecules 23 (1), 221
- 477 [Donated chemical probes for open science](#) 2018
S Müller, S Ackloo, CH Arrowsmith, M Bauser, JL Baryza, J Blagg, J Böttcher, C Bountra, PJ Brown, ME Bunnage, AJ Carter, D Damerell, V Dötsch, DH Drewry, AM Edwards, J Edwards, JM Elkins, C Fischer, SV Frye, A Gollner, CE Grimshaw, A IJerman, T Hanke, IV Hartung, S Hitchcock, T Howe, TV Hughes **S Laufer**, VMJ Li, S Liras, BD Marsden, H Matsui, J Mathias, RC O'Hagan, DR Owen, V Pande, D Rauh, SH Rosenberg, BL Roth, NS Schneider, C Scholten, KS Saikatendu, A Simeonov, M Taikizawa, C Tse, PR Thompson, DK Treiber, AY Viana, CI Wells, TM Wilson, WJ Zuercher, S Knapp, A Müller-Farnow
eLife 7
- 476 [Abstract B167: KRAS gene mutations are associated with tumor resistance toward the LN1222/AD736 p38 inhibitor](#) 2018
V Vuaroqueaux, G Kelter, HR Hendriks, **S Laufer**, HH Fiebig
Molecular Cancer Therapeutics 17 (1_Supplement), B167-B167
- 475 [Synthesis, X-ray diffraction study and pharmacological evaluation of 3-amino-4-methylthiophene-2-acylcarbohydrazones](#) 2018
S Herrmann, T Schübel, FN Costa, MLC Barbosa, FF Ferreira, TLMF Dias, MV Araujo, MS Alexandre-Moreira, LM Lima, **S Laufer**, EJ Barreiro
Anais da Academia Brasileira de Ciências 90, 1073-1088
- 474 [Neue Anwendungen der Klick-Chemie in Zellbiologie und Wirkstoffentwicklung](#) 2017
M Gehringer, **SA Laufer**
Angewandte Chemie 129 (49), 15709-15711
- 473 [Click chemistry: Novel applications in cell biology and drug discovery](#) 2017
M Gehringer, **SA Laufer**
Angewandte Chemie International Edition 56 (49), 15504-15505
- 472 [P38 Kinase, SGK1 and NF- \$\kappa\$ B Dependent Up-Regulation of Na⁺/Ca²⁺ Exchanger Expression and Activity Following TGF \$\beta\$ 1 Treatment of Megakaryocytes](#) 2017
T Al-Maghout, L Pelzl, I Sahu, B Sukkar, Z Hosseinzadeh, R Gutti, **S Laufer**, J Voelkl, B Pieske, M Gawaz, F Lang
Cellular Physiology and Biochemistry 42 (6), 2169-2181
- 471 [From 2-alkylsulfanylimidazoles to 2-alkylimidazoles: an approach towards metabolically more stable p38 \$\alpha\$ MAP kinase inhibitors](#) 2017
F Heider, U Haun, E Döring, M Kudolo, C Sessler, W Albrecht, **S Laufer**, P Koch
Molecules 22 (10), 1729

- 470 [Design, Synthesis, and Biological Evaluation of Novel Type I^{1/2} p38 \$\alpha\$ MAP Kinase Inhibitors with Excellent Selectivity, High Potency, and Prolonged Target ...](#) 2017
 NM Walter, HK Wentsch, M Bührmann, SM Bauer, E Döring, S Mayer-Wrangowski, A Sievers-Engler, N Willemsen-Seegers, G Zaman, R Buijsman, M Lämmerhofer, D Rauh, **SA Laufer**
 Journal of medicinal chemistry 60 (19), 8027-8054
- 469 [Recent advances in JAK3 inhibition: Isoform selectivity by covalent cysteine targeting](#) 2017
 M Forster, M Gehringer, **SA Laufer**
 Bioorganic & medicinal chemistry letters 27 (18), 4229-4237
- 468 [EGFR triple mutant: Recent set-backs and new hopes in fighting mutant non-small cell lung cancer](#) 2017
S Laufer, M Guenther, M Juchum, E Doering, M Keul, J Lategahn, H Tumbrink, J Engel, D Rauh
 ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY 254
- 467 [Progress towards a public chemogenomic set for protein kinases and a call for contributions](#) 2017
 DH Drewry, CI Wells, DM Andrews, R Angell, H Al-Ali, AD Axtman, SJ Capuzzi, JM Elkins, P Ettmayer, M Frederiksen, O Gileadi, N Gray, A Hooper, S Knapp, **S Laufer**, U Luecking, M Michaelides, S Müller, E Muratov, RA Denny, KS Saikatendu, DK Treiber, WJ Zuercher, TM Wilson
 PloS one 12 (8), e0181585
- 466 [Androgen-mediated sex bias impairs efficiency of leukotriene biosynthesis inhibitors in males](#) 2017
 S Pace, C Pergola, F Dehm, A Rossi, J Gerstmeier, F Troisi, H Pein, AM Schaible, C Weinigel, S Rummeler, H Northoff, **S Laufer**, TJ Maier, O Radmark, B Samuelsson, A Koeberle, L Sautebin, O Werz
 The Journal of clinical investigation 127 (8), 3167-3176
- 465 [Discovery of *N*-{4-\[5-\(4-Fluorophenyl\)-3-methyl-2-methylsulfanyl-3*H*-imidazol-4-yl\]-pyridin-2-yl}-acetamide \(CBS-3595\), a Dual p38 \$\alpha\$ MAPK/PDE-4 Inhibitor with ...](#) 2017
 W Albrecht, A Unger, SM Bauer, **SA Laufer**
 Journal of Medicinal Chemistry 60 (13), 5290-5305
- 464 [Trisubstituted pyridinylimidazoles as potent inhibitors of the clinically resistant L858R/T790M/C797S EGFR mutant: targeting of both hydrophobic regions and the phosphate ...](#) 2017
 M Gunther, J Lategahn, M Juchum, E Doring, M Keul, J Engel, HL Tumbrink, D Rauh, **S Laufer**
 Journal of medicinal chemistry 60 (13), 5613-5637

- 463 [Proteasome activation by small molecules](#) 2017
Y Leestemaker, A de Jong, KF Witting, R Penning, K Schuurman, B Rodenko, EA Zaal, B van de Kooij, **S Laufer** AJR Heck, J Borst, W Scheper, CR Berkers, H Ovaa
Cell chemical biology 24 (6), 725-736. e7
- 462 [Trisubstituted imidazoles with a rigidized hinge binding motif act as single digit nM inhibitors of clinically relevant EGFR L858R/T790M and L858R/T790M/C797S mutants: an ...](#) 2017
M Juchum, M Günther, E Döring, A Sievers-Engler, M Lämmerhofer, **S Laufer**
Journal of medicinal chemistry 60 (11), 4636-4656
- 461 [Optimierte Bindungsdauer am Zielenzym: Typ-I-Inhibitoren der p38 \$\alpha\$ -MAP-Kinase mit verbesserter Bindungskinetik durch direkte Interaktion mit der R-Spine](#) 2017
HK Wentsch, NM Walter, M Bührmann, S Mayer-Wrangowski, D Rauh, GJR Zaman, N Willemsen-Seegers, RC Buijsman, M Henning, D Dauch, L Zender, **S Laufer**
Angewandte Chemie 129 (19), 5448-5453
- 460 [Optimized Target Residence Time: Type I Inhibitors for p38 \$\alpha\$ MAP Kinase with Improved Binding Kinetics through Direct Interaction with the R-Spine](#) 2017
HK Wentsch, NM Walter, M Bührmann, S Mayer-Wrangowski, D Rauh, GJR Zaman, N Willemsen-Seegers, RC Buijsman, M Henning, D Dauch, L Zender, **S Laufer**
Angewandte Chemie International Edition 56 (19), 5363-5367
- 459 [In vivo hypoxia PET imaging quantifies the severity of arthritic joint inflammation in line with overexpression of hypoxia-inducible factor and enhanced reactive oxygen species ...](#) 2017
K Fuchs, A Kuehn, M Mahling, P Guenthoer, A Hector, J Schwenck, D Hartl, **S Laufer**, U Kohlhofer, L Quintanilla-Martinez, G Reischl, M Röcken, BJ Pichler, M Kneiling
Journal of Nuclear Medicine 58 (5), 853-860
- 458 [In vivo hypoxia PET imaging quantifies the severity of arthritic joint inflammation in line with overexpression of HIF and enhanced ROS generation](#) 2017
K Fuchs, A Kuehn, M Mahling, P Guenthoer, A Hector, D Hartl, **S Laufer**, U Kohlhofer, L Quintanilla-Martinez, G Reischl, M Röcken, BJ Pichler, M Kneiling
Journal of Nuclear Medicine
- 457 [Tri- and tetrasubstituted pyridinylimidazoles as covalent inhibitors of c-Jun N-terminal kinase 3](#) 2017
F Muth, A El-Gokha, F Ansideri, M Eitel, E Döring, A Sievers-Engler, A Lange, FM Boeckler, M Lämmerhofer, P Koch, **SA Laufer**
Journal of Medicinal Chemistry 60 (2), 594-607

- 456 [Are Two Better Than One in Rheumatoid Arthritis? Development of Dual p38 \$\alpha\$ MAPK/PDE-4 Inhibitors for Treatment of TNF \$\alpha\$ -Driven Diseases](#) 2017
W Albrecht, SM Bauer, **SA Laufer**
Elsevier
- 455 [Multi-gram Preparation of 7-Nitroquinoxalin-2-amine](#) 2017
DN Amaral, FR Alves, EJ Barreiro, **SA Laufer**, LM Lima
Journal of the Brazilian Chemical Society 28, 1874-1878
- 454 [Neuromodulatory effects of Calyptanthes grandifolia extracts against 6-hydroxydopamine-induced neurotoxicity in SH-SY5Y cells](#) 2016
DM Kich, S Bitencourt, C Alves, J Silva, S Pinteus, R Pedrosa, **S Laufer**,
CF Volken de Souza, MI Goettert
Biomedicine & Pharmacotherapy 84, 382-386
- 453 [IL-1 \$\beta\$, IL-18, and eicosanoids promote neutrophil recruitment to pore-induced intracellular traps following pyroptosis](#) 2016
I Jorgensen, JP Lopez, **SA Laufer**, EA Miao
European journal of immunology 46 (12), 2761-2766
- 452 [Selective JAK3 inhibitors with a covalent reversible binding mode targeting a new induced fit binding pocket](#) 2016
M Forster, A Chaikuad, SM Bauer, J Holstein, MB Robers, CR Corona, M Gehringer, E Pfaffenrot, K Ghoreschi, S Knapp, **SA Laufer**
Cell chemical biology 23 (11), 1335-1340
- 451 [Impact of membrane drug transporters on resistance to small-molecule tyrosine kinase inhibitors](#) 2016
C Neul, E Schaeffeler, A Sparreboom, **S Laufer**, M Schwab, AT Nies
Trends in pharmacological sciences 37 (11), 904-932
- 450 [Tofacitinib and analogs as inhibitors of the histone kinase PRK1 \(PKN1\)](#) 2016
D Ostrovskyi, T Rumpf, J Eib, A Lumbroso, I Slynko, S Klaeger, S Heinzlmeir, M Forster, M Gehringer, E Pfaffenrot, SM Bauer, K Schmidtkunz, S Wenzler, E Metzger, B Kuster, **S Laufer**, R Schüle, W Sippl, B Breit, M Jung
Future Medicinal Chemistry 8 (13), 1537-1551
- 449 [Lungenkrebs: EGFR-Inhibitoren mit hoher Wirksamkeit gegen die therapieresistente L858R/T790M/C797S-Mutante.](#) 2016
M Günther, M Juchum, G Kelter, H Fiebig, **S Laufer**
Angewandte Chemie 128 (36), 11050-11054
- 448 [Lung cancer: EGFR inhibitors with low nanomolar activity against a therapy-resistant L858R/T790M/C797S mutant](#) 2016
M Günther, M Juchum, G Kelter, H Fiebig, **S Laufer**
Angewandte Chemie International Edition 55 (36), 10890-10894
- 447 [Why antidiabetic vanadium complexes are not in the pipeline of “big pharma” drug research? A critical review](#) 2016
T Scior, J Antonio Guevara-Garcia, QT Do, P Bernard, **S Laufer**

- Current medicinal chemistry 23 (25), 2874-2891
- 446 [Stimulating effect of sclareol on suicidal death of human erythrocytes](#) 2016
E Signoretto, **SA Laufer**, F Lang
Cellular Physiology and Biochemistry 39 (2), 554-564
- 445 [Poly \[\[tetramethanolbis \[4-oxo-3-\(pyridin-4-yl\)-1-\(2, 4, 6-trichlorophenyl\)-4, 5-dihydro-1H-pyrazolo \[3, 4-d\] pyrimidin-6-olato\] disodium\]–diethyl ether–methanol \(1/1/2\)\]](#) 2016
B Abu Thaher, D Schollmeyer, **S Laufer**
IUCrData 1 (7), x161081
- 444 [A MYC-Aurka protein complex represents an actionable target in p53 altered liver cancer](#) 2016
D Daniel, R Rudalska, G Cossa, JC Nault, S Imbeaud, NP Malek, T Longerich, **S Laufer**, A Poso, J Zucman-Rossi, M Eilers, L Zender
Cancer Research 76 (14_Supplement), 1257-1257
- 443 [Evaluation of organic cation transporter 1 \(OCT1, SLC22A1\) as transporter for sorafenib](#) 2016
C Neul, SD Baker, A Sparreboom, E Schaeffeler, **S Laufer**, M Schwab, AT Nies
Cancer Research 76 (14_Supplement), 257-257
- 442 [Design and Development of Microsomal Prostaglandin E₂ Synthase-1 Inhibitors: Challenges and Future Directions](#) 2016
A Koeberle, **SA Laufer**, O Werz
Journal of medicinal chemistry 59 (13), 5970-5986
- 441 [Spinal inhibition of p38 MAP kinase reduces inflammatory and neuropathic pain in male but not female mice: Sex-dependent microglial signaling in the spinal cord](#) 2016
S Taves, T Berta, DL Liu, S Gan, G Chen, YH Kim, T Van de Ven, **S Laufer**, RR Ji
Brain, behavior, and immunity 55, 70-81
- 440 [SCISSOR—Spinal Cord Injury Study on Small molecule-derived Rho inhibition: a clinical study protocol](#) 2016
MA Kopp, T Liebscher, R Watzlawick, P Martus, **S Laufer**, C Blex, R Schindler, GJ Jungehulsing, S Knüppel, M Kreutzträger, A Ekkernkamp, U Dirnagl, SM Strittmatter, A Niedeggen, JM Schwab
BMJ open 6 (7), e010651
- 439 [A MYC–aurora kinase A protein complex represents an actionable drug target in p53-altered liver cancer](#) 2016
D Dauch, R Rudalska, G Cossa, JC Nault, TW Kang, T Wuestefeld, A Hohmeyer, S Imbeaud, T Yevsa, L Hoenicke, T Pantsar, P Bozko, NP Malek, T Longerich, **S Laufer**, A Poso, J Zucman-Rossi, M Eilers, L Zender
Nature medicine 22 (7), 744-753

- 438 [Fine-tuned PEGylation of chitosan to maintain optimal siRNA-nanoplex bioactivity](#) 2016
A Guţoaia, L Schuster, S Margutti, **S Laufer**, B Schlosshauer, R Krastev, D Stoll, H Hartmann
Carbohydrate polymers 143, 25-34
- 437 [Salinomycin, a candidate drug for the elimination of cancer stem cells](#) 2016
C Naujokat, **S Laufer**
Role of Cancer Stem Cells in Cancer Biology and Therapy 227
- 436 [Fine-tuned PEGylation of chitosan to maintain optimal siRNA-nanoplex bioactivity](#) 2016
B Schlosshauer, D Stoll, H Hartmann, L Schuster, R Krastev, S Margutti, **S Laufer**
Carbohydrate polymers 143
- 435 [From enzyme to whole blood: sequential screening procedure for identification and evaluation of p38 MAPK inhibitors](#) 2016
SM Bauer, JM Kubiak, U Rothbauer, **S Laufer**
Kinase Screening and Profiling: Methods and Protocols, 123-148
- 434 [Fucoxanthin induced suicidal death of human erythrocytes](#) 2015
M Briglia, S Calabr , E Signoretto, K Alzoubi, **S Laufer**, C Faggio, F Lang
Cellular Physiology and Biochemistry 37 (6), 2464-2475
- 433 [Targeting the gatekeeper MET146 of C-Jun N-terminal kinase 3 induces a bivalent halogen/chalcogen bond](#) 2015
A Lange, M G nther, FM B ttner, MO Zimmermann, J Heidrich, S Hennig, S Zahn, C Schall, a Sievers-Engler, F Ansideri, P Koch, M Laemmerhofer, T Stehle, **SA Laufer**, FM Boeckler
Journal of the American Chemical Society 137 (46), 14640-14652
- 432 [The Pyrazolobenzothiazine Core as a New Chemotype of p38 Alpha Mitogen-Activated Protein Kinase Inhibitors](#) 2015
S Sabatini, G Manfroni, ML Barreca, SM Bauer, M Gargaro, R Cannalire, A Astolfi, J Brea, C Vacca, M Pirro, S Massari, O Tabarrini, MI Loza, F Fallarino, **SA Laufer**, V Cecchetti
Chemical biology & drug design 86 (4), 531-545
- 431 [Triggering of suicidal erythrocyte death by ruxolitinib](#) 2015
M Briglia, A Fazio, C Faggio, **S Laufer**, K Alzoubi, F Lang
Cellular Physiology and Biochemistry 37 (2), 768-778
- 430 [c-Jun N-terminal kinase inhibitors: a patent review \(2010 – 2014\)](#) 2015
M Gehringer, F Muth, P Koch, **SA Laufer**
Expert opinion on therapeutic patents 25 (8), 849-872
- 429 [Anti-inflammatory activities of phenoxyphenyl ureas mediated by inhibition of p38 kinase](#) 2015

- R Kulkarni, S Diwyani, **S Laufer**, C VM, P Gurav, P Habbu
Current Enzyme Inhibition 11 (2), 116-123
- 428 [Impact of p38 MAP kinase inhibitors on LPS-induced release of TNF- \$\alpha\$ in whole blood and primary cells from different species](#) 2015
S Fehr, A Unger, E Schaeffeler, S Herrmann, **S Laufer**, M Schwab, W Albrecht
Cellular Physiology and Biochemistry 36 (6), 2237-2249
- 427 [Triggering of suicidal erythrocyte death following boswellic acid exposure](#) 2015
S Calabrò, K Alzoubi, C Faggio, **S Laufer**, F Lang
Cellular Physiology and Biochemistry 37 (1), 131-142
- 426 [New insights into novel inhibitors against deoxyhypusine hydroxylase from Plasmodium falciparum: compounds with an iron chelating potential](#) 2015
I von Koschitzky, H Gerhardt, M Lämmerhofer, M Kohout, M Gehringer, **S Laufer**, M Pink, S Schmitz-Spanke, C Strube, A Kaiser
Amino Acids 47, 1155-1166
- 425 [Role of p38 mitogen-activated protein kinase in linking stearoyl-CoA desaturase-1 activity with endoplasmic reticulum homeostasis](#) 2015
A Koeberle, C Pergola, H Shindou, SC Koeberle, T Shimizu, **SA Laufer**, O Werz
The FASEB Journal 29 (6), 2439-2449
- 424 [Effect of TGF \$\beta\$ on calcium signaling in megakaryocytes](#) 2015
J Yan, E Schmid, A Almilaji, E Shumilina, O Borst, **S Laufer**, M Gawaz, F Lang
Biochemical and Biophysical Research Communications 461 (1), 8-13
- 423 [Fighting cancer drug resistance: Opportunities and challenges for mutation-specific EGFR inhibitors](#) 2015
M Juchum, M Günther, **SA Laufer**
Drug Resistance Updates 20, 12-28
- 422 [Influence of annexin A7 on insulin sensitivity of cellular glucose uptake](#) 2015
D Luo, A Fajol, AT Umbach, AA Noegel, **S Laufer**, F Lang, M Föller
Pflügers Archiv-European Journal of Physiology 467, 641-649
- 421 [Proteinkinase-Inhibitoren: selektiv und wirksam](#) 2015
A Freitag, **S Laufer**
Nachrichten aus der Chemie 63 (4), 420-425
- 420 [Flavonoids inhibit COX-1 and COX-2 enzymes and cytokine/chemokine production in human whole blood](#) 2015
D Ribeiro, M Freitas, SM Tomé, AMS Silva, **S Laufer**, JLFC Lima, E Fernandes
Inflammation 38, 858-870
- 419 [Solution-phase parallel synthesis of Ruxolitinib-derived Janus kinase inhibitors via copper-catalyzed Azide-Alkyne cycloaddition](#) 2015

- M Gehringer, M Forster, **SA Laufer**
ACS Combinatorial Science 17 (1), 5-10
- 418 [Tetra-Substituted Pyridinylimidazoles As Dual Inhibitors of p38 \$\alpha\$ Mitogen-Activated Protein Kinase and c-Jun N-Terminal Kinase 3 for Potential Treatment of ...](#) 2015
F Muth, M Günther, SM Bauer, E Döring, S Fischer, J Maier, P Drückes, J Köppler, J Trappe, U Rothbauer, P Koch, **SA Laufer**
Journal of medicinal chemistry 58 (1), 443-456
- 417 [Advancing the kinase field: new targets and second generation inhibitors](#) 2015
S Laufer, J Bajorath
Journal of Medicinal Chemistry 58 (1), 1-1
- 416 [Development of first lead structures for phosphoinositide 3-kinase-C2 \$\gamma\$ inhibitors](#) 2015
A Freitag, P Prajwal, A Shymanets, C Harteneck, B Nürnberg, C Schächtele, M Kubbutat, F Trotzke, **SA Laufer**
Journal of medicinal chemistry 58 (1), 212-221
- 415 [Inhibitors of c-Jun N-terminal kinases: an update](#) 2015
P Koch, M Gehringer, **SA Laufer**
Journal of medicinal chemistry 58 (1), 72-95
- 414 [New Frontiers in Kinases: Second Generation Inhibitors—Going beyond Cancer](#) 2015
S Laufer
ACS Medicinal Chemistry Letters 6 (1), 1-1
- 413 [An optimized and versatile synthesis to pyridinylimidazole-type p38 \$\alpha\$ mitogen activated protein kinase inhibitors](#) 2015
A El-Gokha, **SA Laufer**, P Koch
Organic & Biomolecular Chemistry 13 (43), 10699-10704
- 412 [Design and synthesis of novel quinazoline derivatives and their evaluation as PI3Ks inhibitors](#) 2014
OM El-Said, MM Hamed, **S Laufer**, AH Abadi
Chemical and Pharmaceutical Bulletin 62 (12), 1166-1172
- 411 [Antinociceptive, anti-inflammatory and gastroprotective effects of a hydroalcoholic extract from the leaves of Eugenia punicifolia \(Kunth\) DC. in rodents](#) 2014
RT Basting, CM Nishijima, JA Lopes, RC Santos, LL Périgo, **S Laufer**, S Bauer, MF Costa, LC Santos, LRM Rocha, W Vilegas, ARS Santos, C Dos Santos, CA Hiruma-Lima
Journal of ethnopharmacology 157, 257-267
- 410 [Novel Hinge-Binding Motifs for Janus Kinase 3 Inhibitors: A Comprehensive Structure–Activity Relationship Study on Tofacitinib Bioisosteres](#) 2014

- M Gehringer, M Forster, E Pfaffenrot, SM Bauer, **SA Laufer**
ChemMedChem 9 (11), 2516-2527
- 409 [Anti-inflammatory macrolides to manage chronic neutrophilic inflammation](#) 2014
M Burnet, JH Guse, HJ Gutke, L Guillot, **S Laufer**, U Hahn, MP Seed, E Vallejo, M Eggers, D McKenzie, W Albrecht, MJ Parnham
Macrocycles in Drug Discovery, 206-234
- 408 [Monitoring of therapeutic Cathepsin B inhibition of in vivo by a specific activateable optical probe and ex vivo by active site labeling](#) 2014
J Schwenck, A Maurer, K Fuchs, CM Griessinger, D Bukala, H Kalbacher, B Fehrenbacher, **S Laufer**, M Roecken, C la Fougere, BJ Pichler, M Kneilling
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING 41, S411-S412
- 407 [In vivo RNAi screening identifies a mechanism of sorafenib resistance in liver cancer](#) 2014
R Rudalska, D Dauch, T Longerich, K McJunkin, T Wuestefeld, TW Kang, A Hohmeyer, M Pesic, J Leibold, A Von Thun, P Schirmacher, J Zuber, KH Weiss, S Powers, NP Malek, M Eilers, B Sipos, SW Lowe, R Geffers, **S Laufer**, L Zender
Nature medicine 20 (10), 1138-1146
- 406 [Effect of TGFβ on Na⁺/K⁺ ATPase activity in megakaryocytes](#) 2014
Z Hosseinzadeh, E Schmid, E Shumilina, **S Laufer**, O Borst, M Gawaz, F Lang
Biochemical and Biophysical Research Communications 452 (3), 537-541
- 405 [Compostos 2-cloro-4-anilinoquinazolinicos inibidores de proteínas Tirosina cinases, composições farmacêuticas compreendendo os mesmos, processo para sua produção e método para ...](#) 2014
CMR Sant'Anna, E JL Barreiro, LM Lima, MLC Barbosa, R Tesch, **SA Laufer**
Brasil
- 404 [C-Jun N-terminal kinase 3 \(JNK3\) as target for halogen bonding](#) 2014
A Lange, M Guenther, **SA Laufer**, FM Boeckler
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY 248
- 403 [Modeling of compound profiling experiments using support vector machines](#) 2014
J Balfer, K Heikamp, **S Laufer**, J Bajorath
Chemical Biology & Drug Design 84 (1), 75-85
- 402 [Discovery of a Novel Series of Tetrahydro-β-carbolines Inducing Autophagic Cell Death in Human Metastatic Melanoma](#) 2014
NS Ahmed, M Elgandy, **S Laufer**, AH Abadi
Archiv der Pharmazie 347 (6), 398-406

- 401 [Four New Flavonol Glycosides from the Leaves of *Brugmansia suaveolens*](#) 2014
F Geller, R Murillo, L Steinhauser, B Heinzmann, K Albert, I Merfort, **S Laufer**
Molecules 19 (5), 6727-6736
- 400 [Extract from gum resin of *Boswellia serrata* decreases \[IA. sub. 2\]-antibody in a patient with "Late onset Autoimmune Diabetes of the Adult"\(LADA\)](#) 2014
E Schrott, **S Laufer**, M Lammerhofer, HPT Ammon
Phytomedicine: International Journal of Phytotherapy & Phytopharmacology 21
- 399 [p38 MAPK inhibitors: a patent review \(2012–2013\)](#) 2014
S Bühler, **SA Laufer**
Expert opinion on therapeutic patents 24 (5), 535-554
- 398 [A p38 substrate-specific MK2-EGFP translocation assay for identification and validation of new p38 inhibitors in living cells: a comprising alternative for acquisition of ...](#) 2014
R Anton, SM Bauer, PR Keck, **S Laufer**, U Rothbauer
PloS one 9 (4), e95641
- 397 [2-\(3-\(\(3R, 4R\)-4-Methyl-3-\[methyl \(7H-pyrrolo \[2, 3-d\] pyrimidin-4-yl\) amino\] piperidin-1-yl\) oxetan-3-yl\) acetonitrile monohydrate](#) 2014
M Gehringer, E Pfaffenrot, P Keck, D Schollmeyer, **SA Laufer**
Acta Crystallographica Section E: Structure Reports Online 70 (4), o382-o383
- 396 [New frontiers in kinases: second generation inhibitors](#) 2014
S Laufer, J Bajorath
Journal of Medicinal Chemistry 57 (6), 2167-2168
- 395 [Interference of boswellic acids with the ligand binding domain of the glucocorticoid receptor](#) 2014
T Scior, M Verhoff, I Gutierrez-Aztatzi, HPT Ammon, **S Laufer**, O Werz
Journal of chemical information and modeling 54 (3), 978-986
- 394 [Specific inhibition of p38-MAPK signaling suppresses experimental arthritis and inflammation induced hypoxia](#) 2014
P Guenthoer, K Fuchs, D Lamparter, G Reischl, S Aidone, M Koenig, **S Laufer**, M Roecken, BJ Pichler, M Kneilling
EXPERIMENTAL DERMATOLOGY 23 (3), E29-E29
- 393 [Efficacy and gastrointestinal tolerability of ML3403, a selective inhibitor of p38 MAP kinase and CBS-3595, a dual inhibitor of p38 MAP kinase and phosphodiesterase 4 in CFA ...](#) 2014
DA Koch, RBM Silva, AH de Souza, CE Leite, NF Nicoletti, MM Campos, **S Laufer**, FB Morrone
Rheumatology 53 (3), 425-432

- 392 [Back Cover: Design and Synthesis of Tricyclic JAK3 Inhibitors with Picomolar Affinities as Novel Molecular Probes \(ChemMedChem 2/2014\)](#) 2014
M Gehringer, E Pfaffenrot, S Bauer, **SA Laufer**
ChemMedChem 9 (2), 412-412
- 391 [Design and synthesis of tricyclic JAK3 inhibitors with picomolar affinities as novel molecular probes](#) 2014
M Gehringer, E Pfaffenrot, S Bauer, **SA Laufer**
ChemMedChem 9 (2), 277-281
- 390 [Dibenzocycloheptatone derivatives and pharmaceutical agents containing said compounds](#) 2014
S Laufer, W Albrecht
US Patent 8,633,312
- 389 [Novel 2-chloro-4-anilino-quinazoline derivatives as EGFR and VEGFR-2 dual inhibitors](#) 2014
ML de Castro Barbosa, LM Lima, R Tesch, CMR Sant'Anna, F Totzke, MHG Kubbutat, C Schaechtele, **SA Laufer**, EJ Barreiro
European journal of medicinal chemistry 71, 1-14
- 388 [Metabolism of a novel skepinone l-like p38 mitogen-activated protein kinase inhibitor](#) 2014
K Storch, M Gehringer, B Baur, **SA Laufer**
MedChemComm 5 (6), 808-815
- 387 [A direct enzyme-linked immunosorbent assay \(ELISA\) for the quantitative evaluation of Janus Kinase 3 \(JAK3\) inhibitors](#) 2014
SM Bauer, M Gehringer, **SA Laufer**
Analytical Methods 6 (21), 8817-8822
- 386 [Multiplex in vivo RNAi screening instructs combination therapies to increase the therapeutic efficacy of the multikinase inhibitor sorafenib](#) 2014
R Rudalska, D Dauch, K McJunkin, TW Kang, T Wuestefeld, R Geffers, P Schirmacher, S Lowe, T Longerich, **S Laufer**, L Zender
Zeitschrift für Gastroenterologie 52 (01), P_4_31
- 385 [A New In Vitro Model to Study Cellular Responses after Thermomechanical Damage in Monolayer Cultures](#) 2013
A Hettler, S Werner, S Eick, **S Laufer**, F Weise
PLoS One 8 (12), e82635
- 384 [Entada africana fraction CH₂Cl₂/MEOH 5% inhibits inducible nitric oxide synthase and pro-inflammatory cytokines gene expression induced by ...](#) 2013
BA Owona, NF Njyou, **SA Laufer**, HJ Schluesener, PF Moundipa
BMC Complementary and Alternative Medicine 13, 1-7
- 383 [Metabolically Stable Dibenzo\[b,e\]oxepin-11\(6H\)-ones as Highly Selective p38 MAP Kinase Inhibitors: Optimizing Anti-Cytokine Activity in Human Whole Blood](#) 2013

- B Baur, K Storch, KE Martz, MI Goettert, A Richters, D Rauh, **SA Laufer**
Journal of medicinal chemistry 56 (21), 8561-8578
- 382 [Effects of a Combined Cyclooxygenase/Lipoxygenase Inhibitor in Pancreatic Cancer](#) 2013
HMA Kader, N Nalin, M El-Zeiry, **S Laufer**, TE Adrian
PANCREAS 42 (8), 1357-1357
- 381 [Induction but not inhibition of COX-2 confers human lung cancer cell apoptosis by celecoxib](#) 2013
R Ramer, U Walther, P Borchert, **S Laufer**, M Linnebacher, B Hinz
Journal of lipid research 54 (11), 3116-3129
- 380 [Choline and tromethamine salt of licofelone](#) 2013
W Albrecht, HG Striegel, **S Laufer**
US Patent 8,519,155
- 379 [A fraction of stem bark extract of Entada africana suppresses lipopolysaccharide-induced inflammation in RAW 264.7 cells](#) 2013
BA Owona, NF Njayou, **S Laufer**, PF Moundipa, HJ Schluesener
Journal of ethnopharmacology 149 (1), 162-168
- 378 [Skepinone-L, a novel potent and highly selective inhibitor of p38 MAP kinase, effectively impairs platelet activation and thrombus formation](#) 2013
O Borst, B Walker, P Münzer, A Russo, E Schmid, C Faggio, B Bigalke, **S Laufer**, M Gawaz, F Lang
Cellular Physiology and Biochemistry 31 (6), 914-924
- 377 [tert-Butyl N-\[\(3R, 4R\)-1-\(2-cyanoacetyl\)-4-methylpiperidin-3-yl\]-N-methylcarbamate](#) 2013
M Gehringer, M Forster, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 69 (6), o935-o935
- 376 [Drug discovery: a modern decathlon](#) 2013
S Laufer, U Holzgrabe, D Steinhilber
Angewandte Chemie International Edition 52 (15), 4072-4076
- 375 [Arzneistoffentwicklung, ein moderner Zehnkampf](#) 2013
S Laufer, U Holzgrabe, D Steinhilber
Angewandte Chemie 125 (15), 4164-4168
- 374 [Deoxyhypusine Hydroxylase from Plasmodium vivax, the Neglected Human Malaria Parasite: Molecular Cloning, Expression and Specific Inhibition by the 5-LOX ...](#) 2013
VA Atemnkeng, M Pink, S Schmitz-Spanke, XJ Wu, LL Dong, KH Zhao, C May, **S Laufer**, B Langer, A Kaiser
PLoS One 8 (3), e58318

- 373 [Design, Synthesis and Characterization of N', N''-Diaryl Ureas as p38 Kinase Inhibitors](#) 2013
R G Kulkarni, **S Laufer**, C Mangannavar, A Garlapati
Medicinal Chemistry 9 (2), 213-221
- 372 [Salinomycin, a candidate drug for the elimination of cancer stem cells](#) 2013
C Naujokat, **S Laufer**
Role of Cancer Stem Cells in Cancer Biology and Therapy
- 371 [Arachidonoyl-phosphatidylcholine oscillates during the cell cycle and counteracts proliferation by suppressing Akt membrane binding](#) 2013
A Koeberle, H Shindou, SC Koeberle, **SA Laufer**, T Shimizu, O Werz
Proceedings of the National Academy of Sciences 110 (7), 2546-2551
- 370 [Targeting cancer stem cells with defined compounds and drugs](#) 2013
C Naujokata, **S Laufer**
Journal of Cancer Research Updates 2 (1), 36-67
- 369 [Dibenzosuberones as p38 mitogen-activated protein kinase inhibitors with low ATP competitiveness and outstanding whole blood activity](#) 2013
S Fischer, HK Wentsch, SC Mayer-Wrangowski, M Zimmermann, SM Bauer, K Storch, R Niess, SC Koeberle, C Grütter, FM Boeckler, D Rauh, **S Laufer**
Journal of medicinal chemistry 56 (1), 241-253
- 368 [tert-Butyl-\(3R, 4R\)-1-\(2-cyanoacetyl\)-4-methylpiperidin-3-yl \(methyl\)-carbamate](#) 2013
S Laufer, M Gehringer, M Forster
Acta Crystallographica Section E 69
- 367 [Assessing the target differentiation potential of imidazole-based protein kinase inhibitors](#) 2012
D Dimova, P Iyer, M Vogt, F Totzke, MHG Kubbutat, C Schächtele, **S Laufer**, J Bajorath
Journal of Medicinal Chemistry 55 (24), 11067-11071
- 366 [2-\[5-Bromo-1-\(3-chlorobenzyl\)-2-methyl-1H-indol-3-yl\] acetic acid](#) 2012
M Elkady, P Keck, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 68 (12), o3396-o3396
- 365 [3-\(4-Bromophenyl\)-1-phenyl-1H-pyrazole-4-carbaldehyde](#) 2012
M Elkady, P Keck, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 68 (12), o3397-o3397
- 364 [Modified acidic nonsteroidal anti-inflammatory drugs as dual inhibitors of mPGES-1 and 5-LOX](#) 2012
M Elkady, R Nieß, AM Schaible, J Bauer, S Luderer, G Ambrosi, O Werz, **SA Laufer**
Journal of medicinal chemistry 55 (20), 8958-8962

- 363 [A frozen analogue approach to aminopyridinylimidazoles leading to novel and promising p38 MAP kinase inhibitors](#) 2012
R Selig, M Goettert, V Schattel, D Schollmeyer, W Albrecht, **S Laufer**
Journal of Medicinal Chemistry 55 (19), 8429-8439
- 362 [Discovery of Novel Orally Active Anti-Inflammatory N-Phenylpyrazolyl-N-Glyciny-Hydrazone Derivatives That Inhibit TNF- \$\alpha\$ Production](#) 2012
RB Lacerda, LL Da Silva, CKF de Lima, E Miguez, ALP Miranda, **SA Laufer**, EJ Barreiro, CAM Fraga
Public Library of Science 7 (10), e46925
- 361 [1-\[\(3RS, 4RS\)-1-Benzyl-4-methylpiperidin-3-yl\]-1, 6-dihydroimidazo \[4, 5-d\] pyrrolo \[2, 3-b\] pyridine hemihydrate](#) 2012
E Pfaffenrot, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 68 (10), o3052-o3052
- 360 [N-\[\(3RS, 4RS\)-1-Benzyl-4-methylpiperidin-3-yl\]-5-nitro-1-phenylsulfonyl-1H-pyrrolo \[2, 3-b\] pyridine-4-amine](#) 2012
E Pfaffenrot, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 68 (10), o3051-o3051
- 359 [N-\[\(3RS, 4SR\)-1-Benzyl-4-methylpiperidin-3-yl\]-1-\(4-methylphenylsulfonyl\)-5-nitro-1H-pyrrolo \[2, 3-b\] pyridin-4-amine](#) 2012
E Pfaffenrot, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 68 (10), o3000-o3000
- 358 [Targeting the hinge glycine flip and the activation loop: novel approach to potent p38 \$\alpha\$ inhibitors](#) 2012
KE Martz, A Dorn, B Baur, V Schattel, MI Goettert, SC Mayer-Wrangowski, D Rauh, **SA Laufer**
Journal of medicinal chemistry 55 (17), 7862-7874
- 357 [On the Reaction of Triphenylphosphane with Thionyl Chloride](#) 2012
HF Klein, A Kuhn, N Kuhn, **S Laufer**, M Ströbele
Zeitschrift für anorganische und allgemeine Chemie 638 (11), 1784-1786
- 356 [4-\(4-Fluorophenyl\)-3-\(pyridin-4-yl\)-1-\(2, 4, 6-trichlorophenyl\)-1H-pyrazol-5-amine](#) 2012
B Abu Thaher, P Koch, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 68 (9), o2603-o2603
- 355 [PRE-CONDITIONED MAPK ACTIVATED PROTEIN KINASE-2 \(MK-2\) RESPONSES OF MACROPHAGES TO p38 INHIBITION IN THE ABSENCE OF INTRACELLULAR INHIBITOR, SB203580](#) 2012
N Yousaf, N Malik, M Lees, V Moradi, **S Laufer**, W Albrecht, G Schett, M Burnett, M Seed

INFLAMMATION RESEARCH 61, S24-S24

- 354 [The decrease of cell membrane fluidity by the non-steroidal anti-inflammatory drug Licofelone inhibits epidermal growth factor receptor signalling and triggers apoptosis in HCA ...](#) 2012
S Tavolari, A Munarini, G Storci, **S Laufer**, P Chieco, T Guarnieri
Cancer letters 321 (2), 187-194
- 353 [Identification of new \$\gamma\$ -hydroxybutenolides that preferentially inhibit the activity of mPGES-1](#) 2012
R De Simone, I Bruno, R Riccio, K Stadler, J Bauer, AM Schaible, **S Laufer**, O Werz
Bioorganic & medicinal chemistry 20 (16), 5012-5016
- 352 [Anti-Inflammatory drug discovery](#) 2012
JI Levin, **S Laufer**
Royal Society of Chemistry
- 351 [Dual Inhibition of Phosphodiesterase-4 and p38 MAP Kinase: A Strategy for Treatment of Chronic Inflammatory Diseases](#) 2012
W ALBRECHT, **S LAUFER**
Anti-Inflammatory Drug Discovery, 137
- 350 [Small-molecule-induced Rho-inhibition: NSAIDs after spinal cord injury](#) 2012
MA Kopp, T Liebscher, A Niedeggen, **S Laufer**, B Brommer, GJ Jungehulsing, SM Strittmatter, U Dirnagl, JM Schwab
Cell and tissue research 349 (1), 119-132
- 349 [Development of a p38 \$\delta\$ mitogen activated protein kinase ELISA assay for the quantitative determination of inhibitor activity](#) 2012
M Goettert, N Shaalan, R Graeser, **SA Laufer**
Journal of pharmaceutical and biomedical analysis 66, 349-351
- 348 [Design, synthesis, and biological evaluation of novel disubstituted dibenzosuberones as highly potent and selective inhibitors of p38 mitogen activated protein kinase](#) 2012
SC Koeberle, S Fischer, D Schollmeyer, V Schattel, C Grütter, D Rauh, **SA Laufer**
Journal of medicinal chemistry 55 (12), 5868-5877
- 347 [Abietane diterpenes induce cytotoxic effects in human pancreatic cancer cell line MIA PaCa-2 through different modes of action](#) 2012
M Fronza, E Lamy, S Günther, B Heinzmann, **S Laufer**, I Merfort
Phytochemistry 78, 107-119
- 346 [{*n*BuMg\(OR\)}₂ and {Mg\(OR\)}₂ \(R = 2, 4, 6-*t*Bu₃C₆H₂\) – Sterically Congested Magnesium Alcoholates](#) 2012
U Flörke, G Henkel, A Kuhn, N Kuhn, **S Laufer**, C Maichle-Mößmer
Zeitschrift für anorganische und allgemeine Chemie 638 (5), 730-732

- 345 [4-\[5-Amino-4-\(4-fluorophenyl\)-3-\(pyridin-4-yl\)-1H-pyrazol-1-yl\] benzonitrile](#) 2012
B Abu Thaher, P Koch, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 68 (4), o935-o935
- 344 [2-sulfanyl-substituted imidazole derivatives and their use as cytokine inhibitors](#) 2012
M Burnet, **S Laufer**, P Koch
US Patent 8,143,294
- 343 [Inferential NMR/X-ray-Based Structure Determination of a Dibenzo\[*a,d*\]cycloheptenone Inhibitor-p38 \$\alpha\$ MAP Kinase Complex in Solution](#) 2012
VS Honndorf, N Coudeville, **S Laufer**, S Becker, C Griesinger, M Habeck
Angewandte Chemie International Edition 51 (10), 2359-2362
- 342 [Ethyl 5-amino-3-\(pyridin-4-yl\)-1-\(2, 4, 6-trichlorophenyl\)-1H-pyrazole-4-carboxylate dimethyl sulfoxide hemisolvate](#) 2012
BA Thaher, P Koch, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 68 (Pt 3), o917
- 341 [4-\(4-Fluorophenyl\)-1-phenyl-3-\(pyridin-4-yl\)-1H-pyrazol-5-amine](#) 2012
B Abu Thaher, P Koch, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 68 (3), o632-o632
- 340 [Ethyl 5-amino-3-\(pyridin-4-yl\)-1-\(2, 4, 6-trichlorophenyl\)-1H-pyrazole-4-carboxylate dimethyl sulfoxide hemisolvate](#) 2012
B Abu Thaher, P Koch, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 68 (3), o917-o918
- 339 [4-\(4-Fluorophenyl\)-1-\(4-nitrophenyl\)-3-\(pyridin-4-yl\)-1H-pyrazol-5-amine](#) 2012
B Abu Thaher, P Koch, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 68 (3), o633-o633
- 338 [Therapeutic Potential of Small Molecules Modulating the Cyclooxygenase-5-Lipoxygenase Pathway](#) 2012
W Albrecht, **S Laufer**
Polypharmacology in Drug Discovery, 383-408
- 337 [Regulation of coronary venular barrier function by blood borne inflammatory mediators and pharmacological tools: insights from novel microvascular wall models](#) 2012
G Juchem, DR Weiss, M Knott, A Senftl, S Förch, T Fischlein, E Kreuzer, B Reichart, **S Laufer**, S Nees

- American Journal of Physiology-Heart and Circulatory Physiology 302 (3), H567-H581
- 336 [A Multicomponent Carba-Betti Strategy to Alkylidene Heterodimers– Total Synthesis and Structure–Activity Relationships of Arzanol](#) 2012
A Minassi, L Cicione, A Koeberle, J Bauer, **S Laufer**, O Werz, G Appendino
European journal of organic chemistry 2012 (4), 772-779
- 335 [Skepinone-L is a selective p38 mitogen-activated protein kinase inhibitor](#) 2012
SC Koeberle, J Romir, S Fischer, A Koeberle, V Schattel, W Albrecht, C Grütter, O Werz, D Rauh, T Stehle, **SA Laufer**
Nature chemical biology 8 (2), 141-143
- 334 [Tri-and tetrasubstituted pyrazole derivates: regioisomerism switches activity from p38MAP kinase to important cancer kinases](#) 2012
BA Thaher, M Arnsmann, F Totzke, JE Ehlert, MHG Kubbutat, C Schächtele, MO Zimmermann, P Koch, FM Boeckler, **SA Laufer**
Journal of Medicinal Chemistry 55 (2), 961-965
- 333 [Mechanistic role of p38 MAPK in gastric cancer dissemination in a rodent model peritoneal metastasis](#) 2012
L Graziosi, A Mencarelli, C Santorelli, B Renga, S Cipriani, E Cavazzoni, G Palladino, **S Laufer**, M Burnett, A Donini, S Fiorucci
European journal of pharmacology 674 (2-3), 143-152
- 332 [p38 \$\alpha\$ mitogen-activated protein kinase inhibitors, a patent review \(2005–2011\)](#) 2011
S Fischer, SC Koeberle, **SA Laufer**
Expert opinion on therapeutic patents 21 (12), 1843-1866
- 331 [The application of Stille cross-coupling reactions with multiple nitrogen containing heterocycles](#) 2011
R Selig, D Schollmeyer, W Albrecht, **S Laufer**
Tetrahedron 67 (47), 9204-9213
- 330 [Polymorphic form of 6-\(4-chlorophenyl\)-2, 2-dimethyl-7-phenyl-2, 3-dihydro-1h-pyrrolizin-5-ylacetic acid](#) 2011
W Albrecht, T Kammermeier, HG Striegel, P Merckle, **S Laufer**
US Patent 8,034,837
- 329 [1, 4-Dimethyl-2-phenyl-6, 7-dihydro-1H-pyrazolo \[4, 3-b\] pyridine-3, 5 \(2H, 4H\)-dione](#) 2011
M Weisser, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 67 (10), o2586-o2586
- 328 [6-\(4-Chlorophenyl\)-7-phenyl-2, 3-dihydro-1H-pyrrolizine-5-carbaldehyde](#) 2011
P Keck, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 67 (9), o2292-o2292

- 327 [6-\(4-Methoxyphenyl\)-7-phenyl-2, 3-dihydro-1H-pyrrolizine-5-carbaldehyde](#) 2011
P Keck, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 67 (9), o2417-o2417
- 326 [In vitro cytotoxic activity of abietane diterpenes from *Peltodon longipes* as well as *Salvia miltiorrhiza* and *Salvia sahendica*](#) 2011
M Fronza, R Murillo, S Ślusarczyk, M Adams, M Hamburger, B Heinzmann, **S Laufer**, I Merfort
Bioorganic & medicinal chemistry 19 (16), 4876-4881
- 325 [Four new kaempferol glycosides from the leaves of *Brugmansia suaveolens*](#) 2011
F Geller, R Murillo, L Steinhauser, B Heinzmann, K Albert, I Merfort, **S Laufer**
Planta Medica 77 (12), PG62
- 324 [Alkoxymagnesium Iodide Complexes](#) 2011
P Haiss, A Kuhn, N Kuhn, C Maichle-Mößmer, **S Laufer**, M Steimann, KP Zeller
European Journal of Inorganic Chemistry 2011 (22), 3284-3287
- 323 [Structural and Conformational Analysis of Proanthocyanidins from *Parapiptadenia rigida* and Their Wound-Healing Properties](#) 2011
CA Schmidt, R Murillo, B Heinzmann, **S Laufer**, V Wray, I Merfort
Journal of natural products 74 (6), 1427-1436
- 322 [Chiral sulfoxides as metabolites of 2-thioimidazole-based p38 \$\alpha\$ mitogen-activated protein kinase inhibitors: Enantioselective synthesis and biological evaluation](#) 2011
S Bühler, M Goettert, D Schollmeyer, W Albrecht, **SA Laufer**
Journal of medicinal chemistry 54 (9), 3283-3297
- 321 [A direct ELISA assay for quantitative determination of the inhibitory potency of small molecules inhibitors for JNK3](#) 2011
M Goettert, S Luik, R Graeser, **SA Laufer**
Journal of pharmaceutical and biomedical analysis 55 (1), 236-240
- 320 [Cell receptor-ligand interaction, signalling, activation and apoptosis: 21. Pregnenolone Sulphate is Similar to Dexamethasone in Suppressing the Unfettered Secretion of ...](#) 2011
C Ciurtin, Y Majeed, J Naylor, P Sukumar, A English, P Emery, D Beech
Rheumatology 50 (suppl_3), iii50-iii52
- 319 [Modeling and benchmark data set for the inhibition of c-Jun N-terminal kinase-3](#) 2011
V Schattel, G Hinselmann, A Jahn, A Zell, **S Laufer**
Journal of chemical information and modeling 51 (3), 670-679

- 318 [Design, Synthesis and Structure–Activity Relationship of Functionalized Tetrahydro- \$\beta\$ -carboline Derivatives as Novel PDE5 Inhibitors](#) 2011
NS Ahmed, BD Gary, HN Tinsley, GA Piazza, **S Laufer**, AH Abadi
Archiv der Pharmazie 344 (3), 149-157
- 317 [Transient exposure of macrophages to P38 map kinase inhibition conditions cell responses through MAPK activated protein kinase-2 regulation](#) 2011
N Malik, M Lees, V Moradi, **S Laufer**, G Schett, M Burnet, M Seed
Annals of the Rheumatic Diseases 70 (Suppl 2), A17-A17
- 316 [3-\(2, 4-Difluoroanilino\)-9-nitrodibenzo \[b, e\] oxepin-11 \(6H\)-one](#) 2011
B Baur, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 67 (3), o555-o555
- 315 [3-\(2, 4-Dimethoxyanilino\)-8-methoxydibenz \[b, e\] oxepin-11 \(6H\)-one](#) 2011
B Baur, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 67 (2), o487-o487
- 314 [Regulation of coronary venular barrier function by blood borne inflammatory mediators and pharmacological tools: insights from 2 novel microvascular wall models 3](#) 2011
EK Fischlein, B Reichart, **S Laufer**, S Nees
- 313 [Conformational effects on potency of thioimidazoles and dihydrothiazolines](#) 2011
R Selig, V Schattel, M Goettert, D Schollmeyer, W Albrecht, **S Laufer**
MedChemComm 2 (4), 261-269
- 312 [Catechin Derivatives from *Parapiptadenia rigida* with *in Vitro* Wound-Healing Properties](#) 2010
CA Schmidt, R Murillo, T Bruhn, G Bringmann, M Goettert, B Heinzmann, V Brecht, **SA Laufer**, I Merfort
Journal of natural Products 73 (12), 2035-2041
- 311 [Biological evaluation and structural determinants of p38 \$\alpha\$ mitogen-activated-protein kinase and c-Jun-N-terminal kinase 3 inhibition by flavonoids](#) 2010
M Goettert, V Schattel, P Koch, I Merfort, **S Laufer**
Chembiochem 11 (18), 2579-2588
- 310 [N-\(4-Chloropyridin-2-yl\)-N-\(4-methylphenylsulfonyl\) acetamide](#) 2010
S Bühler, D Schollmeyer, W Albrecht, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 66 (12), o3320-o3320
- 309 [N-\(4-Chloropyridin-2-yl\)-N-methoxymethyl-4-methylbenzenesulfonamide](#) 2010
S Bühler, D Schollmeyer, W Albrecht, **S Laufer**

- 308 [Tri-and tetrasubstituted imidazoles as p38 \$\alpha\$ mitogen-activated protein kinase inhibitors](#) 2010
S Laufer, D Hauser, T Stegmiller, C Bracht, K Ruff, V Schattel, W Albrecht, P Koch
Bioorganic & medicinal chemistry letters 20 (22), 6671-6675
- 307 [Optimization of a nonradioactive immunosorbent assay for p38 \$\alpha\$ mitogen-activated protein kinase activity](#) 2010
M Goettert, R Graeser, **SA Laufer**
Analytical biochemistry 406 (2), 233-234
- 306 [A novel access to arylated and heteroarylated beta-carboline based PDE5 inhibitors](#) 2010
N S Ahmed, B D Gary, G A Piazza, H N Tinsley, **S Laufer**, A H Abadi
Medicinal Chemistry 6 (6), 374-387
- 305 [2-sulfinyl-and 2-sulfonyl-substituted imidazole derivatives and their use as cytokine inhibitors](#) 2010
W Albrecht, C Greim, HG Striegel, K Tollmann, P Merkle, **S Laufer**
US Patent App. 11/817,298
- 304 [Cytotoxic abietane diterpenes from Peltodon longipes and their mode of action](#) 2010
M Fronza, S Günther, R Murillo, E Lamy, B Heinzmann, **S Laufer**, I Merfort
Planta Medica 76 (12), SL_22
- 303 [Catechin derivatives from Parapiptadenia rigida: biological studies and conformational analysis](#) 2010
C Schmidt, M Fronza, R Murillo, V Wray, G Bringmann, T Bruhn, B Heinzmann, **S Laufer**, I Merfort
Planta Medica 76 (12), O_1
- 302 [Rosmarinic acid as the effective compound in Cordia americana](#) 2010
F Geller, C Schmidt, M Goettert, M Fronza, B Heinzmann, O Werz, I Merfort, **S Laufer**
Planta Medica 76 (12), P584
- 301 [One-pot synthesis of 4, 6-diaryl-2-oxo \(imino\)-1, 2-dihydropyridine-3-carbonitrile; a new scaffold for p38 \$\alpha\$ MAP Kinase Inhibition](#) 2010
AM Serry, S Luik, **S Laufer**, AH Abadi
Journal of Combinatorial Chemistry 12 (4), 559-565
- 300 [Inside Cover: Synthesis and Biological Testing of N-Aminoimidazole-Based p38 \$\alpha\$ MAP Kinase Inhibitors \(ChemMedChem 7/2010\)](#) 2010
C Bracht, DRJ Hauser, V Schattel, W Albrecht, **SA Laufer**
ChemMedChem 5 (7), 966-966

- 299 [Synthesis and Biological Testing of *N*-Aminoimidazole-Based p38 \$\alpha\$ MAP Kinase Inhibitors](#) 2010
C Bracht, DRJ Hauser, V Schattel, W Albrecht, **SA Laufer**
ChemMedChem 5 (7), 1134-1142
- 298 [Differential effects of p38MAP kinase inhibitors on the expression of inflammation-associated genes in primary, interleukin-1 \$\beta\$ -stimulated human chondrocytes](#) 2010
H Joos, W Albrecht, **S Laufer**, RE Brenner
British journal of pharmacology 160 (5), 1252-1262
- 297 [2-\(Bicyclo \[2.2. 1\] hept-5-en-2-yl\)-1H-pyrrolo \[2, 3-b\] pyridine](#) 2010
R Selig, D Schollmeyer, W Albrecht, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 66 (7), o1800-o1800
- 296 [N-{2-Methyl-5-\[\(5-oxo-10, 11-dihydro-5H-dibenzo \[a, d\] cyclohepten-2-yl\) amino\] phenyl} benzamide](#) 2010
A Dorn, D Schollmeyer, **SA Laufer**
Acta Crystallographica Section E: Structure Reports Online 66 (7), o1867-o1867
- 295 [Unexpected reaction of 2-alkylsulfanylimidazoles to imidazol-2-ones: Pyridinylimidazol-2-ones as novel potent p38 \$\alpha\$ mitogen-activated protein kinase inhibitors](#) 2010
P Koch, **S Laufer**
Journal of medicinal chemistry 53 (12), 4798-4802
- 294 [Novel p38 MAPK inhibitor ML3403 has potent anti-inflammatory activity in airway smooth muscle](#) 2010
L Munoz, EE Ramsay, M Manetsch, Q Ge, C Peifer, **S Laufer**, AJ Ammit
European journal of pharmacology 635 (1-3), 212-218
- 293 [Fluorescence polarization binding assay to develop inhibitors of inactive p38 \$\alpha\$ mitogen-activated protein kinase](#) 2010
L Munoz, R Selig, YT Yeung, C Peifer, D Hauser, **S Laufer**
Analytical biochemistry 401 (1), 125-133
- 292 [Design, synthesis and SAR of phenylamino-substituted 5, 11-dihydro-dibenzo \[a, d\] cyclohepten-10-ones and 11H-dibenzo \[b, f\] oxepin-10-ones as p38 MAP kinase inhibitors](#) 2010
A Dorn, V Schattel, **S Laufer**
Bioorganic & medicinal chemistry letters 20 (10), 3074-3077
- 291 [2-\(4-Fluorophenyl\)-N-{4-\[6-\(4-fluorophenyl\)-2, 3-dihydroimidazo \[2, 1-b\]\[1, 3\] thiazol-5-yl\] pyridin-2-yl} acetamide](#) 2010
R Selig, D Schollmeyer, W Albrecht, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 66 (5), o1132-o1132

- 290 [N-\[3-\(5-Oxo-10, 11-dihydro-5H-dibenzo \[a, d\] cyclohepten-2-ylamino\) phenyl\] furan-3-carboxamide](#) 2010
A Dorn, D Schollmeyer, **SA Laufer**
Acta Crystallographica Section E: Structure Reports Online 66 (5), o1100-
o1100
- 289 [1-\[4-\(2-Aminoanilino\) phenyl\]-2, 2, 2-trifluoroethanone](#) 2010
A Dorn, D Schollmeyer, **SA Laufer**
Acta Crystallographica Section E: Structure Reports Online 66 (5), o1149-
o1149
- 288 [Annellated pyrrole compounds for cancer management](#) 2010
S Laufer, T Guarnieri, S Tavolari, V Tomasi, E Palazzini, M Barbanti
US Patent App. 12/375,305
- 287 [Identification of rosmarinic acid as the major active constituent in Cordia americana](#) 2010
F Geller, C Schmidt, M Göttert, M Fronza, V Schattel, B Heinzmann, O
Werz, EMM Flores, I Merfort, **S Laufer**
Journal of ethnopharmacology 128 (3), 561-566
- 286 [4-Chloro-7-methoxymethyl-2-phenyl-7H-pyrrolo \[2, 3-b\] pyridine](#) 2010
R Selig, D Schollmeyer, W Albrecht, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 66 (4), o822-
o822
- 285 [5-\(4-Fluorophenyl\)-4-\(4-pyridyl\)-1, 3-oxazol-2-amine](#) 2010
P Koch, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 66 (4), o917-
o917
- 284 [Imidazole compounds having an antiinflammatory effect](#) 2010
W Albrecht, D Hauser, **S Laufer**, HG Striegel, K Tollmann
US Patent App. 12/310,305
- 283 [Pyridinylquinoxalines and pyridinylpyridopyrazines as lead compounds for novel p38 \$\alpha\$ mitogen-activated protein kinase inhibitors](#) 2010
P Koch, H Jahns, V Schattel, M Goettert, **S Laufer**
Journal of medicinal chemistry 53 (3), 1128-1137
- 282 [7-\[4-\(4-Fluorophenyl\)-2-methylsulfanyl-1H-imidazol-5-yl\] tetrazolo \[1, 5-a\] pyridine](#) 2010
R Selig, D Schollmeyer, J Schlosser, W Albrecht, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 66 (2), o451-
o451
- 281 [N-{4-\[4-\(4-Fluorophenyl\)-1-methyl-2-\[\(R\)-methylsulfinyl\]-1H-imidazol-5-yl\]-2-pyridyl} acetamide dihydrate](#) 2010
S Bühler, D Schollmeyer, D Hauser, W Albrecht, **S Laufer**

- Acta Crystallographica Section E: Structure Reports Online 66 (1), o121-o121
- 280 [Different methods for testing potential cyclooxygenase-1 and cyclooxygenase-2 inhibitors](#) 2010
S Laufer, S Luik
 Cyclooxygenases: Methods and Protocols, 91-116
- 279 [M1739 M13403, a New p38 MAPK Inhibitor, Corrects Immune Dysfunction in Rodent Models of Chronic Inflammatory Disorders](#) 2010
 S Fiorucci, **SA Laufer**, A Mencarelli, B Renga, C Booth, GL Tudor, E Distrutti, M Burnet
 Gastroenterology 5 (138), S-409
- 278 [3, 4-Diaryl-isoxazoles and-imidazoles as potent dual inhibitors of p38 \$\alpha\$ mitogen activated protein kinase and casein kinase 1 \$\delta\$](#) 2009
 C Peifer, M Abadleh, J Bischof, D Hauser, V Schattel, H Hirner, U Knippschild, **S Laufer**
 Journal of medicinal chemistry 52 (23), 7618-7630
- 277 [Determination of the wound healing effect of Calendula extracts using the scratch assay with 3T3 fibroblasts](#) 2009
 M Fronza, B Heinzmann, M Hamburger, **S Laufer**, I Merfort
 Journal of ethnopharmacology 126 (3), 463-467
- 276 [Prediction of breast cancer by profiling of urinary RNA metabolites using Support Vector Machine-based feature selection](#) 2009
 C Hennekes, D Bullinger, R Fux, N Friese, H Seeger, H Neubauer, **S Laufer**, CH Gleiter, M Schwab, A Zell, B Kammerer
 BMC cancer 9, 1-11
- 275 [\(2Z\)-2-Fluoro-N-{4-\[5-\(4-fluorophenyl\)-2-methylsulfanyl-1H-imidazol-4-yl\]-2-pyridyl}-3-phenylacrylamide](#) 2009
 R Selig, D Schollmeyer, T Stegmiller, W Albrecht, **S Laufer**
 Acta Crystallographica Section E: Structure Reports Online 65 (12), o3284-o3284
- 274 [4-Chloro-1-\(4-methylphenylsulfonyl\)-1H-pyrrolo \[2, 3-b\] pyridine](#) 2009
 R Selig, D Schollmeyer, W Albrecht, **S Laufer**
 Acta Crystallographica Section E: Structure Reports Online 65 (12), o3018-o3018
- 273 [N-{4-\[4-\(4-Fluorophenyl\)-1-\(2-methoxyethyl\)-2-methylsulfanyl-1H-imidazol-5-yl\]-2-pyridyl}-2-methyl-3-phenylpropionamide](#) 2009
 K Ziegler, D Schollmeyer, **S Laufer**
 Acta Crystallographica Section E: Structure Reports Online 65 (12), o3128-o3128
- 272 [2-\(3, 4, 5-Trimethoxyphenyl\)-1H-pyrrolo \[2, 3-b\] pyridine](#) 2009
 R Selig, D Schollmeyer, W Albrecht, **S Laufer**

- 271 [Accelerated Clearance of *Plasmodium*-infected Erythrocytes in Sickle Cell Trait and Annexin-A7 Deficiency](#) 2009
PA Lang, RS Kasinathan, VB Brand, C Duranton, C Lang, S Koka, E Shumilina, DS Kempe, V Tanneur, A Akel, KS Lang, M Föllner, JFJ Kun, PG Kreamsner, S Wesselborg, **S Laufer**, CS Clemen, C Herr, AA Noegel, T Wieder, E Gulbins, F Lang, SM Huber
Cellular Physiology and Biochemistry 24 (5-6), 415-428
- 270 [2-Acylaminopyridin-4-ylimidazoles as p38 MAP Kinase Inhibitors: Design, Synthesis, and Biological and Metabolic Evaluations](#) 2009
K Ziegler, DRJ Hauser, A Unger, W Albrecht, **SA Laufer**
ChemMedChem: Chemistry Enabling Drug Discovery 4 (11), 1939-1948
- 269 [4-\(4-Fluorophenyl\)-1-methoxymethyl-2-phenyl-1H-imidazole](#) 2009
R Selig, D Schollmeyer, W Albrecht, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 65 (11), o2803-o2803
- 268 [3-\(4-Fluorophenyl\)-2-\(4-pyridyl\) pyrido \[2, 3-b\] pyrazine](#) 2009
P Koch, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 65 (10), o2546-o2546
- 267 [N-{4-\[3-\(4-Fluorophenyl\) pyrido \[2, 3-b\] pyrazin-2-yl\]-2-pyridyl} isopropylamine](#) 2009
P Koch, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 65 (10), o2557-o2557
- 266 [2-\(4-Fluorophenyl\)-3-\(4-pyridyl\) pyrido \[2, 3-b\] pyrazine](#) 2009
P Koch, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 65 (10), o2512-o2512
- 265 [2-\[\(1-Methyl-1H-pyrrol-2-yl\) carbonylmethyl\] isoindoline-1, 3-dione](#) 2009
J Schlosser, D Schollmeyer, **S Laufer**, C Peifer
Acta Crystallographica Section E: Structure Reports Online 65 (10), o2375-o2375
- 264 [2-thio-substituted imidazole derivatives and their use in pharmaceuticals](#) 2009
S Laufer, HG Striegel, K Tollmann, W Albrecht
US Patent 7,582,660
- 263 [Participation of leukotriene C4 in the regulation of suicidal erythrocyte death](#) 2009
M Foller, H Mahmud, S Gu, K Wang, E Floride, Y Kucherenko, S Luik, **S Laufer**, F Lang
Acta physiologica Polonica 12 (3), 135

- 262 [Arylpyrrolizines as Inhibitors of Microsomal Prostaglandin E₂ Synthase-1 \(mPGES-1\) or as Dual Inhibitors of mPGES-1 and 5-Lipoxygenase \(5-LOX\)](#) 2009
AJ Liedtke, PR Keck, F Lehmann, A Koeberle, O Werz, **SA Laufer**
Journal of medicinal chemistry 52 (15), 4968-4972
- 261 [Novel lead structures for p38 MAP kinase via FieldScreen virtual screening](#) 2009
TJ Cheesright, M Holm, F Lehmann, S Luik, M Gottert, JL Melville, **S Laufer**
Journal of medicinal chemistry 52 (14), 4200-4209
- 260 [3-\(4-Fluorophenyl\)-6-methoxy-2-\(4-pyridyl\) quinoxaline](#) 2009
H Jahns, P Koch, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 65 (7), o1626-o1626
- 259 [Protective effects of licofelone, a 5-lipoxygenase and cyclo-oxygenase inhibitor, versus naproxen on cartilage loss in knee osteoarthritis: a first multicentre clinical trial ...](#) 2009
JP Raynauld, J Martel-Pelletier, P Bias, **S Laufer**, B Haraoui, D Choquette, AD Beaulieu, F Abram, M Dorais, E Vignon, JP Pelletier, Canadian Licofelone Study Group
Annals of the rheumatic diseases 68 (6), 938-947
- 258 [4-\[3-\(4-Fluorophenyl\) quinoxalin-2-yl\]-N-isopropylpyridin-2-amine](#) 2009
P Koch, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 65 (6), o1344-o1344
- 257 [1-\[2-\(Benzylamino\)-4-pyridyl\]-2-\(4-fluorophenyl\) ethane-1, 2-dione](#) 2009
H Jahns, P Koch, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 65 (6), o1451-o1451
- 256 [Colocalization of the VEGF-R2 and the common IL-3/GM-CSF receptor beta chain to lipid rafts leads to enhanced p38 activation](#) 2009
E Saulle, R Riccioni, S Coppola, I Parolini, D Diverio, V Riti, G Mariani, **S Laufer**, M Sargiacomo, U Testa
British journal of haematology 145 (3), 399-411
- 255 [Successful structure-based design of recent p38 MAP kinase inhibitors](#) 2009
SC Karcher, **SA Laufer**
Current Topics in Medicinal Chemistry 9 (7), 655-676
- 254 [Influence of p38MAPK inhibition on IL-1 \$\beta\$ -stimulated human chondrocytes: A microarray approach](#) 2009
H Joos, W Albrecht, **S Laufer**, RE Brenner
International journal of molecular medicine 23 (5), 685-693

- 253 [Role of the hydrogen bonding heteroatom– Lys53 interaction between the p38 \$\alpha\$ mitogen-activated protein \(MAP\) kinase and pyridinyl-substituted 5-membered heterocyclic ring inhibitors](#) 2009
BA Thaher, P Koch, V Schattel, **S Laufer**
Journal of medicinal chemistry 52 (8), 2613-2617
- 252 [Dibenzocycloheptane compounds and pharmaceuticals containing these compounds](#) 2009
S Laufer, W Albrecht, C Greim, HG Striegel, K Tollmann
US Patent App. 11/914,078
- 251 [Biological studies on Brazilian plants used in wound healing](#) 2009
C Schmidt, M Fronza, M Goettert, F Geller, S Luik, EMM Flores, CF Bittencourt, GD Zanetti, BM Heinzmann, **S Laufer**, I Merfort
Journal of ethnopharmacology 122 (3), 523-532
- 250 [Method for subgroup analysis in subjects having or being suspected of having inflammatory disease, use of anti-p38MAPK antibodies, kits and their use](#) 2009
G Schett, W Albrecht, **S Laufer**
US Patent App. 11/871,565
- 249 [Rapid and easy access to indoles via microwave-assisted Hemetsberger–Knittel synthesis](#) 2009
F Lehmann, M Holm, **S Laufer**
Tetrahedron Letters 50 (15), 1708-1709
- 248 [Design, synthesis and characterization of N9/N7-substituted 6-aminopurines as VEGF-R and EGF-R inhibitors](#) 2009
C Peifer, S Bühler, D Hauser, K Kinkel, F Totzke, C Schächtele, **S Laufer**
European journal of medicinal chemistry 44 (4), 1788-1793
- 247 [Aza-analogue dibenzepinone scaffolds as p38 mitogen-activated protein kinase inhibitors: design, synthesis, and biological data of inhibitors with improved physicochemical ...](#) 2009
SC Karcher, **SA Laufer**
Journal of medicinal chemistry 52 (6), 1778-1782
- 246 [Targeting Proteinkinases: The Selectivity Problem](#) 2009
S LAUFER, G AHRENS, S KARCHER, R NIESS, J HERING
Scientia Pharmaceutica 77 (5), 165
- 245 [4-\[2-\(4-Fluorophenyl\)-1H-pyrrol-3-yl\] pyridine](#) 2009
B Abu Thaher, P Koch, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 65 (3), o457-o457
- 244 [4-\[2-\(4-Fluorophenyl\) furan-3-yl\] pyridine](#) 2009
B Abu Thaher, P Koch, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 65 (3), o458-o458

- 243 [Investigations of SCIO-469-like compounds for the inhibition of p38 MAP kinase](#) 2009
S Laufer, F Lehmann
 Bioorganic & Medicinal Chemistry Letters 19 (5), 1461-1464
- 242 [4-\[5-\(4-Fluorophenyl\)-1H-imidazol-4-yl\] pyridine](#) 2009
 P Koch, D Schollmeyer, **S Laufer**
 Acta Crystallographica Section E: Structure Reports Online 65 (3), o573-o573
- 241 [Analysis of the precision and sensitivity to change of different approaches to assess cartilage loss by quantitative MRI in a longitudinal multicentre clinical trial in ...](#) 2008
 JP Raynauld, J Martel-Pelletier, F Abram, M Dorais, B Haraoui, D Choquette, P Bias, KH Emmert, **S Laufer**, JP Pelletier
 Arthritis research & therapy 10 (6), 1-8
- 240 [tert-Butyl N-benzyl-N-\(4-methyl-2-pyridyl\) carbamate](#) 2008
 P Koch, D Schollmeyer, **S Laufer**
 Acta Crystallographica Section E: Structure Reports Online 64 (11), o2222-o2222
- 239 [tert-Butyl N-\(4-methyl-2-pyridyl\) carbamate](#) 2008
 P Koch, D Schollmeyer, **S Laufer**
 Acta Crystallographica Section E: Structure Reports Online 64 (11), o2216-o2216
- 238 [tert-Butyl N-benzyl-N-\[4-\(4-fluorobenzoylmethyl\)-2-pyridyl\] carbamate](#) 2008
 P Koch, D Schollmeyer, **S Laufer**
 Acta Crystallographica Section E: Structure Reports Online 64 (11), o2221-o2221
- 237 [Związki pirolizynowe, środek farmaceutyczny i zastosowanie związków pirolizynowych](#) 2008
S Laufer, K Neher, HG Striegel
- 236 [2-thio-substituted imidazole derivatives and their use in pharmaceuticals](#) 2008
S Laufer, HG Striegel, W Albrecht, K Tollmann
 US Patent 7,442,713
- 235 [Identification of urinary modified nucleosides and ribosylated metabolites in humans via combined ESI-FTICR MS and ESI-IT MS analysis](#) 2008
 D Bullinger, R Fux, G Nicholson, S Plontke, C Belka, **S Laufer**, CH Gleiter, B Kammerer
 Journal of the American Society for Mass Spectrometry 19, 1500-1513
- 234 [Targeting the ribose and phosphate binding site of p38 mitogen-activated protein \(MAP\) kinase: Synthesis and biological testing of 2-alkylsulfanyl-, 4 \(5\)-aryl-, 5 \(4 ...](#) 2008
 P Koch, C Bäuerlein, H Jank, **S Laufer**

- Journal of medicinal chemistry 51 (18), 5630-5640
- 233 [Medizinische Chemie und molekulare Hemmmechanismen der Tyrosinkinase-Inhibitoren. Schwerpunkt pharmazeutischer Forschung](#) 2008
M Holm, F Lehmann, **S Laufer**
Pharmazie in unserer Zeit 37 (5), 382-392
- 232 [Metabolic signature of breast cancer cell line MCF-7: Profiling of modified nucleosides via LC-IT MS coupling](#) 2008
H Neubauer, D Bullinger, T Fehm, **S Laufer**, C Gleiter, B Kammerer
Geburtshilfe und Frauenheilkunde 68 (S 01), PO_Onko_01_19
- 231 [Metabolische Signatur der Mammakarzinomzell-Linie MCF-7: Profiling modifizierter Nukleoside mittels LC-IT MS](#) 2008
H Neubauer, D Bullinger, T Fehm, **S Laufer**, C Gleiter, B Kammerer
Senologie-Zeitschrift für Mammadiagnostik und-therapie 5 (03), A103
- 230 [Licofelone suppresses prostaglandin E2 formation by interference with the inducible microsomal prostaglandin E2 synthase-1](#) 2008
A Koeberle, U Siemoneit, U Bühring, H Northoff, **S Laufer**, W Albrecht, O Werz
Journal of Pharmacology and Experimental Therapeutics 326 (3), 975-982
- 229 [Human whole blood assay for rapid and routine testing of non-steroidal anti-inflammatory drugs \(NSAIDs\) on cyclo-oxygenase-2 activity](#) 2008
S Laufer, C Greim, S Luik, SS Ayoub, F Dehner
Inflammopharmacology 16, 155-161
- 228 [Design, synthesis, and biological evaluation of novel Tri-and tetrasubstituted imidazoles as highly potent and specific ATP-mimetic inhibitors of p38 MAP kinase: Focus on ...](#) 2008
SA Laufer, DRJ Hauser, DM Domeyer, K Kinkel, AJ Liedtke
Journal of medicinal chemistry 51 (14), 4122-4149
- 227 [Design, Synthesis, and Biological Evaluation of Novel 3-Aryl-4-\(1H-indole-3yl\)-1,5-dihydro-2H-pyrrole-2-ones as Vascular Endothelial Growth Factor Receptor ...](#) 2008
C Peifer, R Selig, K Kinkel, D Ott, F Totzke, C Schächtele, R Heidenreich, M Röcken, D Schollmeyer, **S Laufer**
Journal of medicinal chemistry 51 (13), 3814-3824
- 226 [Methyl 4-\[5-\(4-fluorophenyl\)-4-\(pyridin-4-yl\)-1H-imidazol-2-ylsulfanyl\]butanoate](#) 2008
P Koch, C Bänderlein, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 64 (7), o1183-o1184
- 225 [The scratch assay: A suitable in vitro tool for studying wound healing effects](#) 2008
M Fronza, F Geller, C Bittencourt, E Flores, B Heinzmann, **S Laufer**, I Merfort

Planta Medica 74 (09), PD4

- 224 [Bioinformatical evaluation of modified nucleosides as biomedical markers in diagnosis of breast cancer](#) 2008
D Bullinger, H Fröhlich, F Klaus, H Neubauer, A Frickenschmidt, C Hennekes, A Zell, **S Laufer**, CH Gleiter, H Liebich, B Kammerer
Analytica Chimica Acta 618 (1), 29-34
- 223 [In vitro metabolism of 2-\[6-\(4-chlorophenyl\)-2, 2-dimethyl-7-phenyl-2, 3-dihydro-1H-pyrrolizin-5-yl\] acetic acid \(licofelone, ML3000\), an inhibitor of cyclooxygenase-1 and-2 ...](#) 2008
W Albrecht, A Unger, AK Nussler, **S Laufer**
Drug metabolism and disposition 36 (5), 894-903
- 222 [Dynamics in the p38 \$\alpha\$ MAP Kinase–SB203580 Complex Observed by Liquid-State NMR Spectroscopy](#) 2008
VS Honndorf, N Coudeville, **S Laufer**, S Becker, C Griesinger
Angewandte Chemie 120 (19), 3604-3607
- 221 [Isoxazolone based inhibitors of p38 MAP kinases](#) 2008
SA Laufer, S Margutti
Journal of medicinal chemistry 51 (8), 2580-2584
- 220 [Inhibition of GSK3 differentially modulates NF- \$\kappa\$ B, CREB, AP-1 and \$\beta\$ -catenin signaling in hepatocytes, but fails to promote TNF- \$\alpha\$ -induced apoptosis](#) 2008
F Götschel, C Kern, S Lang, T Sparna, C Markmann, J Schwager, S McNelly, F von Weizsäcker, **S Laufer**, A Hecht, I Merfort
Experimental cell research 314 (6), 1351-1366
- 219 [3-\(2-Fluorophenyl\)-6-\(phenoxymethyl\)-1, 2, 4-triazolo \[3, 4-b\]\[1, 3, 4\] thiadiazole](#) 2008
M Holm, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 64 (4), o700-o700
- 218 [6-Amino-1-benzyl-4-\(4-chlorophenyl\)-3-\(4-pyridyl\)-1, 4-dihydropyrano \[2, 3-c\] pyrazole-5-carbonitrile](#) 2008
F Lehmann, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 64 (4), o701-o701
- 217 [The dual inhibitor of lipoxygenase and cyclooxygenase ML3000 decreases the expression of CXCR3 ligands](#) 2008
C Ospelt, M Kurowska-Stolarska, M Neidhart, BA Michel, RE Gay, **S Laufer**, S Gay
Annals of the rheumatic diseases 67 (4), 524-529
- 216 [Protizápalové oxo-a hydroxyderiváty pyrolizínov a ich použitie vo farmácii](#) 2008
S Laufer, K Tollmann, HG Striegel

- 215 [A Software Solution Automatically Assigns Formulae for Construction of Fragmentation Pathways Accelerating Drug Elucidation with ESI-TOF.](#) 2008
G Zurek, I Krebs, S Goetz, H Scheible, **S Laufer**, B Kammerer, W Albrecht
LC-GC Europe
- 214 [IL-1 \$\beta\$ regulates FHL2 and other cytoskeleton-related genes in human chondrocytes](#) 2008
H Joos, W Albrecht, **S Laufer**, H Reichel, RE Brenner
Molecular medicine 14, 150-159
- 213 [Implications for selectivity of 3, 4-diarylquinolinones as p38 \$\alpha\$ MAP kinase inhibitors](#) 2008
C Peifer, R Urich, V Schattel, M Abadleh, M Röttig, O Kohlbacher, **S Laufer**
Bioorganic & medicinal chemistry letters 18 (4), 1431-1435
- 212 [In vitro metabolism of Licofelone \(ML3000\), an Inhibitor of Cyclooxygenases-1 and-2 and 5-Lipoxygenase](#) 2008
W Albrecht, A Unger, AK Nuessler, **S Laufer**
Drug Metabolism and Disposition
- 211 [Licofelone, a dual COX/5-LOX inhibitor, induces apoptosis in HCA-7 colon cancer cells through the mitochondrial pathway independently from its ability to affect the arachidonic ...](#) 2008
S Tavolari, M Bonafe, M Marini, C Ferreri, G Bartolini, E Brighenti, S Manara, V Tomasi, **S Laufer**, T Guarnieri
Carcinogenesis 29 (2), 371-380
- 210 [4-\(4-Fluorophenyl\)-2-methyl-3-\(1-oxy-4-pyridyl\) isoxazol-5 \(2H\)-one](#) 2008
S Margutti, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 64 (2), o504-o504
- 209 [4-\[4-\(4-Fluorophenyl\)-2-methyl-5-oxo-2, 5-dihydroisoxazol-3-yl\]-1-methylpyridinium iodide-4-\[3-\(4-fluorophenyl\)-2-methyl-5-oxo-2, 5-dihydroisoxazol-4-yl\]-1-methylpyridinium ...](#) 2008
S Margutti, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 64 (1), o298-o299
- 208 [Inhibition of GSK3 differentially modulates NF- \$\kappa\$ B, CREB, AP-1 and \$\beta\$ -catenin signaling in hepatocytes, but fails to promote TNF- \$\alpha\$ -induced apoptosis](#) 2008
F G tschel, C Kern, S Lang, T Sparna, C Markmann, J Schwager, S McNelly, F von Weizsäcker, **S Laufer**, A Hecht, I Merfort
Experimental Cell Research 314 (6), 1351-1366
- 207 [Metabonomics in cancer diagnosis: mass spectrometry-based profiling of urinary nucleosides from breast cancer patients](#) 2008

- A Frickenschmidt, H Fröhlich, D Bullinger, A Zell, **S Laufer**, CH Gleiter, H Liebich, B Kammerer
Biomarkers 13 (4), 435-449
- 206 [Medical chemistry and molecular mechanisms of tyrosine kinase inhibitors. The viewpoint of pharmaceutical research](#) 2008
M Holm, F Lehmann, **S Laufer**
Pharmazie in unserer Zeit 37 (5), 382-392
- 205 [A Convenient Synthesis of 1-\(4-Fluorophenyl\)-2-\(4-pyridyl\) cyclopentene from Cyclopentanone](#) 2008
BA Thaher, P Koch, V Del Amo, P Knochel, **S Laufer**
Synthesis 2008 (02), 225-228
- 204 [Inhibitory effect of inflammatory mediator by Orostachys japonicus in mouse peritoneal macrophages](#) 2008
P Koch, JH Guse, M Burnet, **S Laufer**
INFLAMMATION RESEARCH 57, S99-S99
- 203 [Three-component combinatorial synthesis of novel dihydropyrano \[2, 3-c\] pyrazoles](#) 2008
F Lehmann, M Holm, **S Laufer**
Journal of Combinatorial Chemistry 10 (3), 364-367
- 202 [4-aryl-5-heteroaryl-2-thio-substituted imidazoles: Approach to p38 MAP kinase inhibitor prodrugs](#) 2008
P Koch, JH Guse, M Burnet, **S Laufer**
INFLAMMATION RESEARCH 57, S99-S100
- 201 [Regiospecific and highly flexible synthesis of 1, 4, 5-trisubstituted 2-sulfanylimidazoles from structurally diverse ethanone precursors](#) 2008
SA Laufer, DRJ Hauser, AJ Liedtke
Synthesis 2008 (02), 253-266
- 200 [Preconditioning lymphocytes with p38 MAPK inhibitors, and not accessory cells, prevents Con-A-induced lymphocyte responses](#) 2008
V Moradi, E Johnson, L Dugo, V Holan, M Burnet, **S Laufer**, M Seed
INFLAMMATION RESEARCH 57, S106
- 199 [Towards the improvement of the synthesis of novel 4 \(5\)-aryl-5 \(4\)-heteroaryl-2-thio-substituted imidazoles and their p38 MAP kinase inhibitory activity](#) 2008
S Laufer, P Koch
Organic & Biomolecular Chemistry 6 (3), 437-439
- 198 [Metabolic signature of breast cancer cell line MCF-7: profiling of modified nucleosides via LC-IT MS coupling](#) 2007
D Bullinger, H Neubauer, T Fehm, **S Laufer**, CH Gleiter, B Kammerer
BMC biochemistry 8, 1-14

- 197 [2-\(6-Amino-7H-purin-7-yl\)-1-phenylethanone](#) 2007
S Buehler, D Schollmeyer, D Hauser, **S Laufer**, C Peifer
Acta Crystallographica Section E: Structure Reports Online 63 (12),
o4646-o4647
- 196 [2-\(6-Methoxy-7H-purin-7-yl\)-1-phenylethanone monohydrate](#) 2007
S Buehler, D Schollmeyer, D Hauser, **S Laufer**, C Peifer
Acta Crystallographica Section E: Structure Reports Online 63 (10),
o4154-o4155
- 195 [Are MAP kinases drug targets? Yes, but difficult ones](#) 2007
S Margutti, **SA Laufer**
ChemMedChem: Chemistry Enabling Drug Discovery 2 (8), 1116-1140
- 194 [2-thio-substituted imidazole derivatives and the use thereof in the pharmaceutical industry](#) 2007
S Laufer, D Kotschenreuther, P Merckle, K Tollmann, HG Striegel
US Patent 7,253,191
- 193 [2-\(4-Fluorophenyl\)-1-\(4-pyridyl\) cyclopentan-1-ol](#) 2007
B Abu Thaher, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 63 (8), o3531-
o3531
- 192 [Chondroprotective effects of licofelone, a fop00728 b-llpvxyutnase and cyclooxygenase inhibitor, vis-a-vis naproxen in knee osteoarthritis \(OA\): A two-year study using ...](#) 2007
JP Pelletier, JR Raynauld, P Bias, **S Laufer**, B Haraoui, D Choquette, F
Abram, E Vignon, J Martel-Pelletier
ANNALS OF THE RHEUMATIC DISEASES 66, 59-59
- 191 [Isoxazoles as p38 MAPk inhibitors. interaction with atp binding site](#) 2007
S Margutti, **S Laufer**
INFLAMMATION RESEARCH 56, S446-S447
- 190 [Synthesis and structure-activity relationships of \[1, 2, 4\] triazolo \[3, 4-B\] \[1, 3, 4\] thiadiazole derivates as novel p38 mapk-inhibitors](#) 2007
M Holm, **S Laufer**
INFLAMMATION RESEARCH 56, S446-S446
- 189 [Dendritic cell: T cell interactions and p38 mapkinase inhibition](#) 2007
M Seed, E Johnson, M Burnet, V Holan, **S Laufer**
INFLAMMATION RESEARCH 56, S433-S434
- 188 [4-Aryl-5-heteroaryl-2-thio-imidazoles: warhead for a macrocycle-based drug targeting](#) 2007
P Koch, **S Laufer**
INFLAMMATION RESEARCH 56, S446-S446

- 187 [p38 map kinase inhibitor prodrugs tropic for macrophages and neutrophils exert enhanced anti-inflammatory activity in IBD and collagen induced arthritis models](#) 2007
JH Guse, M Burnet, S Luik, **S Laufer**, M Seed, V Holan, S Fiorucci
INFLAMMATION RESEARCH 56, S434-S434
- 186 [Validation of a diluted whole blood assay to evaluate cytokine release inhibitors](#) 2007
S Luik, **S Laufer**
INFLAMMATION RESEARCH 56, S446-S446
- 185 [Pharmacokinetics of ML3403 \({4-\[5-\(4-fluorophenyl\)-2-methylsulfonyl-3H-imidazol-4-yl\]-pyridin-2-yl}-\(1-phenylethyl\)-amine\), a 4-pyridinylimidazole-type p38 mitogen-activated ...](#) 2007
B Kammerer, H Scheible, W Albrecht, CH Gleiter, **S Laufer**
Drug metabolism and disposition 35 (6), 875-883
- 184 [Synthesis, biological testing, and binding mode prediction of 6, 9-diaryl-purin-8-ones as p38 MAP kinase inhibitors](#) 2007
DRJ Hauser, T Scior, DM Domeyer, B Kammerer, **SA Laufer**
Journal of medicinal chemistry 50 (9), 2060-2066
- 183 [\(2aRS, 3RS, 4aSR, 6aRS, 6bSR\)-3-Hydroxy-2a, 3, 4a, 6, 6a, 6b-hexahydro-1, 4-dioxacyclopenta \[cd\] pentalen-2 \(5H\)-one](#) 2007
C Peifer, D Schollmeyer, M Tschertsche, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 63 (5), o2249-o2251
- 182 [3-\(4-Fluorophenyl\)-1-methyl-4-\(4-pyridyl\) quinolin-2 \(1H\)-one](#) 2007
C Peifer, D Schollmeyer, K Kinkel, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 63 (5), o2457-o2459
- 181 [2, 2-Dimethyl-N-\[3-\(3, 4, 5-trimethoxybenzoyl\) pyridin-4-yl\] propanamide](#) 2007
K Kinkel, **S Laufer**, D Schollmeyer, C Peifer
Acta Crystallographica Section E: Structure Reports Online 63 (4), o1887-o1889
- 180 [rac-\(3E, 3aR, 6aR\)-3-\(Hydroxymethylene\)-3, 3a, 6, 6a-tetrahydro-2H-cyclopenta \[b\] furan-2-one](#) 2007
C Peifer, D Schollmeyer, M Tschertsche, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 63 (4), o1551-o1553
- 179 [From five-to six-membered rings: 3, 4-diarylquinolinone as lead for novel p38MAP kinase inhibitors](#) 2007
C Peifer, K Kinkel, M Abadleh, D Schollmeyer, **S Laufer**
Journal of medicinal chemistry 50 (6), 1213-1221

- 178 [Pharmacokinetics of ML3403, a 4-pyridinylimidazole-type p38 MAP kinase inhibitor](#) 2007
B Kammerer, H Scheible, W Albrecht, C Gleiter, **S Laufer**
Drug Metabolism and Disposition
- 177 [N-{\(Z\)-2-\[1-\(Triisopropylsilyl\)-1H-indol-3-yl\]-2-\(triisopropylsilyloxy\) vinyl}-2-\(3, 4, 5-trimethoxyphenyl\) acetamide](#) 2007
C Peifer, R Selig, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 63 (3), o1266-o1268
- 176 [\(1aR, 2aS, 5aS, 5bS\)-Perhydro-4H-oxireno \[3, 4\] cyclopenta \[1, 2-b\] furan-4-one](#) 2007
C Peifer, M Tschertsche, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 63 (3), o1359-o1360
- 175 [In vitro metabolite identification of ML3403, a 4-pyridinylimidazole-type p38 MAP kinase inhibitor by LC-Qq-TOF-MS and LC-SPE-cryo-NMR/MS](#) 2007
B Kammerer, H Scheible, G Zurek, M Godejohann, KP Zeller, CH Gleiter, W Albrecht, **S Laufer**
Xenobiotica 37 (3), 280-297
- 174 [Ethyl \(2, 3-dihydro-1H, 1' H-2, 3'-biindol-1-yl\) glyoxylate](#) 2007
C Peifer, D Ott, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 63 (3), o1415-o1417
- 173 [4-\[5-\(4-Fluorophenyl\)-3-isopropylisoxazol-4-yl\] pyridin-2 \(1H\)-one](#) 2007
M Abadleh, C Peifer, K Kinkel, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 63 (3), o1423-o1425
- 172 [Macrolide conjugates of pyrrolizine and indolizine compounds as inhibitors of 5-lipoxygenase and cyclooxygenase](#) 2007
S Laufer, W Albrecht, M Burnet, HJ Gutke
- 171 [Design, Synthesis, and Biological Evaluation of Phenylamino-Substituted 6,11-Dihydro-dibenzo\[b,e\]oxepin-11-ones and Dibenzo\[a,d\]cycloheptan-5-ones ...](#) 2006
SA Laufer, GM Ahrens, SC Karcher, JS Hering, R Niess
Journal of medicinal chemistry 49 (26), 7912-7915
- 170 [Profile and Molecular Modeling of 3-\(Indole-3-yl\)-4-\(3,4,5-trimethoxyphenyl\)-1H-pyrrole-2,5dione \(1\) as a Highly Selective VEGF-R2/3 Inhibitor](#) 2006
C Peifer, A Krasowski, N Hämmerle, O Kohlbacher, G Dannhardt, F Trotzke, C Schächtele, **S Laufer**
Journal of medicinal chemistry 49 (25), 7549-7553

- 169 [Licofelone, a 5-lipoxygenase and cyclooxygenase inhibitor, reduces the progression of knee osteoarthritis \(OA\): A double blind, multicenter 2-year study using quantitative MRI.](#) 2006
JP Pelletier, JP Raynauld, P Bias, **S Laufer**, B Haraoui, D Choquette, F Abram, E Vignon, J Martel-Pelletier
ARTHRITIS AND RHEUMATISM 54 (12), 4119-4119
- 168 [Stimulation of suicidal erythrocyte death by lipoxygenase inhibitor Bay-Y5884](#) 2006
E Shumilina, V Kiedaisch, A Akkel, P Lang, T Hermle, D Kempe, S Huber, T Wieder, **S Laufer**, F Lang
Cellular Physiology and Biochemistry 18 (4-5), 233-242
- 167 [Dibenzocycloheptanverbindungen und pharmazeutische mittel, welche diese verbindungen enthalten](#) 2006
S Laufer, W Albrecht, C Greim, HG Striegel, K Tollmann
- 166 [3, 4-Bis \(4-fluorophenyl\)-1, 2, 5-oxadiazole 2-oxide](#) 2006
C Peifer, M Abadleh, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 62 (11), o4827-o4828
- 165 [\(4R\)-4-Hydroxy-1-\[\(2S\)-2-hydroxydodecyl\]-l-proline monohydrate](#) 2006
C Peifer, O Werz, D Poeckel, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 62 (11), o5138-o5140
- 164 [A concise and optimized four-step approach toward 2-\(aryl-\) alkylsulfanyl-, 4 \(5\)-aryl-, 5 \(4\)-heteroaryl-substituted imidazoles using alkyl-or arylalkyl thiocyanates](#) 2006
SA Laufer, AJ Liedtke
Tetrahedron letters 47 (40), 7199-7203
- 163 [Inhibition of P38 kinase prevents T-cell responsiveness to allogenic dendritic cells](#) 2006
E Johnson, **S Laufer**, V Holan, M Burnet, MP Seed
INFLAMMATION RESEARCH 55, S118-S118
- 162 [Development and optimization of a non-radioactive JNK3 assay](#) 2006
C Peifer, S Luik, S Thuma, Y Herweh, **S Laufer**
Combinatorial Chemistry & High Throughput Screening 9 (8), 613-618
- 161 [4-\[5-\(4-Fluorophenyl\)-3-isopropylisoxazol-4-yl\] pyridine](#) 2006
C Peifer, M Abadleh, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 62 (9), o3647-o3649
- 160 [4-\[3-\(4-Fluorophenyl\)-5-isopropylisoxazol-4-yl\] pyridine](#) 2006
C Peifer, M Abadleh, D Schollmeyer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 62 (9), o3707-o3709

- 159 [Development of a Microsphere-Based p38 \$\alpha\$ MAP Kinase No-Wash Assay](#) 2006
S Laufer, S Linsenmaier
 SLAS Discovery 11 (5), 528-536
- 158 [Method for the production of 6-\(4-chlorophenyl\)-2, 2-dimethyl-7-phenyl-2, 3-dihydro-1h-pyrrolizin-5-ylacetic acid](#) 2006
 G Dannhardt, T Kammermeier, P Merckle, HG Striegel, **S Laufer**
 US Patent 7,078,535
- 157 [4-\(4-Fluorophenyl\)-3-\(4-pyridyl\) quinolin-2 \(1H\)-one](#) 2006
 C Peifer, D Schollmeyer, R Selig, **S Laufer**
 Acta Crystallographica Section E: Structure Reports Online 62 (7), o2648-o2650
- 156 [Substituted isoxazole derivatives and their use in pharmaceuticals](#) 2006
S Laufer, HG Striegel, W Albrecht, K Tollmann
 US Patent App. 10/524,839
- 155 [3-\(4-Fluorophenyl\)-4-\(4-pyridyl\) quinolin-2 \(1H\)-one](#) 2006
 C Peifer, D Schollmeyer, S Laudage, **S Laufer**
 Acta Crystallographica Section E: Structure Reports Online 62 (6), o2475-o2477
- 154 [Licofelone reduces progression of structural changes in a canine model of osteoarthritis under curative conditions: effect on protease expression and activity.](#) 2006
 M Moreau, C Boileau, J Martel-Pelletier, J Brunet, **S Laufer**, JP Pelletier
 The Journal of Rheumatology 33 (6), 1176-1183
- 153 [Sesquiterpene lactones as inhibitors of IL-8 expression in HeLa cells](#) 2006
 MT Lindenmeyer, A Hrenn, C Kern, V Castro, R Murillo, S Müller, **S Laufer**, J Schulte-Mönting, B Siedle, I Merfort
 Bioorganic & Medicinal Chemistry 14 (8), 2487-2497
- 152 [Discovery and development of LICOFELONE \(ML3000\)](#) 2006
S Laufer
 PROSTAGLANDINS & OTHER LIPID MEDIATORS 79 (1-2), 161-161
- 151 [Substituted isoxazoles as potent inhibitors of p38 MAP kinase](#) 2006
SA Laufer, S Margutti, MD Fritz
 ChemMedChem: Chemistry Enabling Drug Discovery 1 (2), 197-207
- 150 [Identification of urinary nucleosides by ESI-TOF-MS](#) 2006
 M Pelzing, T Zey, G Zurek, D Bullinger, A Frickenschmidt, **S Laufer**, B Kammerer
 LC GC NORTH AMERICA 24 (2), 14
- 149 [Quantitative determination of piritramide in human plasma and urine by off-and on-line solid-phase extraction liquid chromatography coupled to tandem mass spectrometry](#) 2006

- R Kahlich, CH Gleiter, **S Laufer**, B Kammerer
 Rapid Communications in Mass Spectrometry: An International Journal
 Devoted ...
- 148 [High anti-inflammatory activity of harpagoside-enriched extracts obtained from solvent-modified super- and subcritical carbon dioxide extractions of the roots of Harpagophytum ...](#) 2006
 M Günther, **S Laufer**, PC Schmidt
 Phytochemical Analysis: An International Journal of Plant Chemical
 and ...
- 147 [A novel naturally occurring tripyrrole with potential nuclease and anti-tumour properties pp 2480–2486](#) 2006
 M Subramanian, R Chander, S Chattopadhyay, MT Lindenmeyer, A Hrenn, C Kern, V Castro, R Murillo, S Müller, **S Laufer**, J Schulte-Mönting, B Siedle, I Merfort
 Bioorganic & Medicinal Chemistry 14 (8)
- 146 [Small molecular anti-cytokine agents](#) 2006
 G Wagner, **S Laufer**
 Medicinal research reviews 26 (1), 1-62
- 145 [Small Molecule Inhibitors of p38 MAP Kinase](#) 2006
 C Peifer, G Wagner, **S Laufer**
 Current Topics in Medicinal Chemistry 6, 000-000
- 144 [Complete Characterization of ML 3403 Metabolites from Liver Microsomes using ESI-Qq-TOF-MS and LC-SPE-cryo NMR/MS](#) 2006
 H Scheible, **S Laufer**, W Albrecht, CH Gleiter, G Zurek, M Spraul, M Godejohann, B Kammerer
 54 th ASMS Conference Proceedings
- 143 [New approaches to the treatment of inflammatory disorders small molecule inhibitors of p38 MAP kinase](#) 2006
 C Peifer, G Wagner, **S Laufer**
 Current topics in medicinal chemistry 6 (2), 113-149
- 142 [The effect of single-dose naproxen on eicosanoid formation in human gastroduodenal mucosa](#) 2006
 G Treiber, T Wex, A Link, M Vieth, **S Laufer**, P Malfertheiner
 Alimentary pharmacology & therapeutics 23 (1), 155-167
- 141 [Identification of urinary nucleosides by ESI-TOF-MS](#) 2005
 D Bullinger, A Frickenschmidt, M Pelzing, G Zurek, **S Laufer**, T Zey, B Kammerer
 Advanstar Communications Inc.
- 140 [Stereospecific pharmacokinetic characterisation of phenprocoumon metabolites, and mass-spectrometric identification of two novel metabolites in human plasma and liver microsomes](#) 2005
 B Kammerer, R Kahlich, M Ufer, A Schenkel, **S Laufer**, CH Gleiter

- Analytical and bioanalytical chemistry 383, 909-917
- 139 [Are vanadium compounds drugable? Structures and effects of antidiabetic vanadium compounds: a critical review](#) 2005
T Scior, A Guevara-García, P Bernard, QT Do, D Domeyer, **S Laufer**
Mini reviews in medicinal chemistry 5 (11), 995-1008
- 138 [The protective effect of licofelone on experimental osteoarthritis is correlated with the downregulation of gene expression and protein synthesis of several major cartilage ...](#) 2005
JP Pelletier, C Boileau, M Boily, J Brunet, F Mineau, C Geng, P Reboul, **S Laufer**, D Lajeunesse, M Martel-Pelletier
Arthritis research & therapy 7 (5), 1-12
- 137 [Fused pyrrole compounds, pharmaceutical agents containing the same, and the use thereof](#) 2005
HG Striegel, **S Laufer**, K Tollmann, S Tries
US Patent 6,936,632
- 136 [Licofelone, a novel 5-LOX/COX-inhibitor, attenuates leukocyte rolling and adhesion on endothelium under flow](#) 2005
H Ulbrich, O Soehnlein, X Xie, EE Eriksson, L Lindbom, W Albrecht, **S Laufer**, G Dannhardt
Biochemical pharmacology 70 (1), 30-36
- 135 [The regulation of human MMP-13 by licofelone, an inhibitor of cyclooxygenases and 5-lipoxygenase, in human osteoarthritic chondrocytes is mediated by the inhibition of the p38 ...](#) 2005
C Boileau, JP Pelletier, G Tardif, H Fahmi, **S Laufer**, M Lavigne, J Martel-Pelletier
Annals of the rheumatic diseases 64 (6), 891-898
- 134 [Mass spectrometric identification of modified urinary nucleosides used as potential biomedical markers by LC-ITMS coupling](#) 2005
B Kammerer, A Frickenschmidt, CE Müller, **S Laufer**, CH Gleiter, H Liebich
Analytical and bioanalytical chemistry 382, 1017-1026
- 133 [MALDI-TOF MS analysis of urinary nucleosides](#) 2005
B Kammerer, A Frickenschmidt, CH Gleiter, **S Laufer**, H Liebich
Journal of the American Society for Mass Spectrometry 16, 940-947
- 132 [Cytokines and growth factors in the treatment of osteoarthritis: what could be the best disease modifying drugs](#) 2005
J Martel-Pelletier, G Tardif, **S Laufer**, JP Pelletier
Current Medicinal Chemistry-Anti-Inflammatory & Anti-Allergy Agents 4 (3 ...
- 131 [Naproxen induziert einen indirekten Cyclooxygenase-Lipoxygenase Shunt in der gastroduodenalen humanen Mucosa](#) 2005
A Link, T Wex, M Vieth, **S Laufer**, P Malfertheiner, G Treiber

Zeitschrift für Gastroenterologie 43 (05), P024

- 130 [PGE2 in the regulation of programmed erythrocyte death](#) 2005
PA Lang, DS Kempe, S Myssina, V Tanneur, C Birka, **S Laufer**, F Lang,
T Wieder, SM Huber
Cell Death & Differentiation 12 (5), 415-428
- 129 [Achiral–chiral LC/LC–MS/MS coupling for determination of chiral discrimination effects in phenprocoumon metabolism](#) 2005
B Kammerer, R Kahlich, M Ufer, **S Laufer**, CH Gleiter
Analytical biochemistry 339 (2), 297-309
- 128 [Anti-inflammatory oxo derivatives and hydroxy derivatives of pyrrolizines, and their pharmaceutical use](#) 2005
S Laufer, K Tollmann, HG Striegel
US Patent 6,878,738
- 127 [Leukotriene and prostaglandin synthesis pathways in osteoarthritic synovial membranes: regulating factors for interleukin 1beta synthesis.](#) 2005
P Marcouiller, JP Pelletier, M Guévremont, J Martel-Pelletier, P Ranger, **S Laufer**, P Reboul
The Journal of rheumatology 32 (4), 704-712
- 126 [\(3RS, 1SR\)-3-Bromo-3-\(1-phenylpropyl\) chroman-2, 4-dione](#) 2005
D Schollmeyer, B Kammerer, C Peifer, **S Laufer**
Acta Crystallographica Section E: Structure Reports Online 61 (4), o868-o869
- 125 [4-Pyridyl-and 2, 4-pyrimidinyl-substituted pyrrole derivatives and their use in pharmacy](#) 2005
HG Striegel, **S Laufer**, K Tollmann, S Tries
US Patent 6,867,211
- 124 [Synthesis and biological testing of purine derivatives as potential ATP-competitive kinase inhibitors](#) 2005
SA Laufer, DM Domeyer, TRF Scior, W Albrecht, DRJ Hauser
Journal of medicinal chemistry 48 (3), 710-722
- 123 [An immunosorbent, nonradioactive p38 MAP kinase assay comparable to standard radioactive liquid-phase assays](#) 2005
S Laufer, S Thuma, C Peifer, C Greim, Y Herweh, A Albrecht, F Dehner
Analytical biochemistry 1 (344), 135-137
- 122 [Tetrasubstituted imidazole inhibitors of cytokine release: probing substituents in the N-1 position](#) 2004
SA Laufer, W Zimmermann, KJ Ruff
Journal of medicinal chemistry 47 (25), 6311-6325
- 121 [Mass spectrometric pathway monitoring of secondary metabolites: systematic analysis of culture extracts of Streptomyces species](#)
B Kammerer, R Kahlich, **S Laufer**, SM Li, L Heide, CH Gleiter

- Analytical biochemistry 335 (1), 17-29
- 120 [Regulation of the expression of 5-lipoxygenase-activating protein/5-lipoxygenase and the synthesis of leukotriene B₄ in osteoarthritic chondrocytes: Role of ...](#) 2004
J Martel-Pelletier, F Mineau, H Fahmi, **S Laufer**, P Reboul, C Boileau, M Lavigne, JP Pelletier
Arthritis & Rheumatism 50 (12), 3925-3933
- 119 [Regulation of the expression of FLAP/5-LOX and synthesis of LTB₄ in osteoarthritic chondrocytes: Role of TGF-beta and eicosanoids](#) 2004
J Martel-Pelletier, F Mineau, H Fahmi, **S Laufer**, P Reboul, C Boileau, M Lavigne, JP Pelletier
Arthritis and Rheumatism 50 (9), S286-S286
- 118 [Licofelone, a novel 5-LOX/COX-inhibitor, attenuates leukocyte rolling and adhesion on endothelium under flow](#) 2004
H Ulbrich, EE Eriksson, X Xie, O Soehnlein, L Lindbom, **S Laufer**, G Dannhardt
ANNALS OF THE RHEUMATIC DISEASES 63, 137-137
- 117 [NSAIDs and lipo-oxygenase/cyclo-oxygenase products modulate dendritic cell function](#) 2004
S Fiorucci, A Di Lorenzo, S Farneti, M Barbanti, **S Laufer**, E Palazzini
ANNALS OF THE RHEUMATIC DISEASES 63, 132-133
- 116 [The gastrointestinal tolerability of the LOX/COX inhibitor, licofelone, is similar to placebo and superior to naproxen therapy in healthy volunteers: results from a randomized ...](#) 2004
P Bias, A Buchner, B Klessner, **S Laufer**
Official journal of the American College of Gastroenterology| ACG 99 (4), 611-618
- 115 [2-Tiosubstituované imidazolové deriváty a ich použitie vo farmácii](#) 2004
S Laufer, D Kotschenreuther, P Merckle, K Tollmann
- 114 [The inhibition of subchondral bone resorption in the early phase of experimental dog osteoarthritis by licofelone is associated with a reduction in the synthesis of MMP-13 and ...](#) 2004
JP Pelletier, C Boileau, J Brunet, M Boily, D Lajeunesse, P Reboul, **S Laufer**, J Martel-Pelletier
Bone 34 (3), 527-538
- 113 [Determination of \(R\)- and \(S\)-phenprocoumon in human plasma by enantioselective liquid chromatography/electrospray ionisation tandem mass spectrometry](#) 2004
B Kammerer, R Kahlich, M Ufer, **S Laufer**, CH Gleiter
Rapid communications in mass spectrometry 18 (4), 458-464

- 112 [Composto, composição farmacêutica, uso de pelo menos um composto, e, método para tratar distúrbios associados com um sistema imune perturbado](#) 2004
S Laufer, D Kotschenreuther, P Merckle, K Tollmann, HG Striegel
- 111 [Osteoarthritis therapy—are there still unmet needs?](#) 2004
S Laufer
 Rheumatology 43 (suppl_1), i9-i15
- 110 [Treatment with licofelone prevents abnormal subchondral bone cell metabolism in experimental dog osteoarthritis](#) 2004
 D Lajeunesse, J Martel-Pelletier, JC Fernandes, **S Laufer**, JP Pelletier
 Annals of the rheumatic diseases 63 (1), 78-83
- 109 [Combined approach for analysis of biological activity of compounds](#) 2004
 MA Grishina, VA Potemkin, KM Mikuchina, GV Pozhilenkova, **S Laufer**
 Biomeditsinskaya khimiya 50 (app1), 68-76
- 108 [The regulation of human metalloprotease-13 by licofelone, an inhibitor of cyclooxygenases and 5-lipoxygenase, in human osteoarthritic chondrocytes is mediated by the inhibition ...](#) 2004
 C Boileau, JP Pelletier, F Mineau, G Tardif, H Fahmi, **S Laufer**, M Lavigne, J Martel-Pelletier
 OSTEOARTHRITIS AND CARTILAGE 12, S100-S100
- 107 [Genetic algorithm for molecular 3D drug design](#) 2004
 VA Potemkin, MA Grishina, GV Pozhilenkova, KM Mikuchina, **S Laufer**
 Biomeditsinskaya khimiya 50 (app1), 42-48
- 106 [COX-3—a virtual pain target in humans?](#) 2003
 JM Schwab, T Beiter, JU Linder, **S Laufer**, JE Schulz, R Meyermann, HJ Schluesener
 The FASEB journal 17 (15), 2174-2175
- 105 [Inhibition of human MMP-13 expression by licofelone, a dual inhibitor of cyclooxygenase/5-lipoxygenase in human osteoarthritic \(OA\) chondrocytes.](#) 2003
 C Boileau, JP Pelletier, **S Laufer**, P Ranger, J Martel-Pelletier
 ARTHRITIS AND RHEUMATISM 48 (9), S283-S283
- 104 [Role of eicosanoids in structural degradation in osteoarthritis](#) 2003
S Laufer
 Current opinion in rheumatology 15 (5), 623-627
- 103 [Novel substituted pyridinyl imidazoles as potent anticytokine agents with low activity against hepatic cytochrome P450 enzymes](#) 2003
SA Laufer, GK Wagner, DA Kotschenreuther, W Albrecht
 Journal of medicinal chemistry 46 (15), 3230-3244
- 102 [Study of cross talking between leukotriene and prostaglandin synthetic pathways in human OA synovial membranes: Mechanisms of regulation](#) 2003

- P Reboul, P Marcouiller, **S Laufer**, J Martel-Pelletier, JP Pelletier
ANNALS OF THE RHEUMATIC DISEASES 62, 114-115
- 101 [Selective COX-2 inhibitors, but not licofelone, a LOX/COX inhibitor, inhibit anti-adhesive activity of aspirin](#) 2013
S Fiorucci, A Mencarelli, E Distrutti, **S Laufer**, M Barbanti, E Palazzini, A Morelli, JL Wallace
ANNALS OF THE RHEUMATIC DISEASES 62, 116-116
- 100 [Inhibition of human MMP-13 expression by licofelone, a dual inhibitor of cyclooxygenases/5-lipoxygenase in human osteoarthritic chondrocytes](#) 2003
C Boileau, JP Pelletier, **S Laufer**, P Ranger, J Martel-Pelletier
ANNALS OF THE RHEUMATIC DISEASES 62, 262-263
- 99 [International Conference on Inflammopharmacology—VIII Side-Effects of Anti-Inflammatory Drugs Symposium](#) 2003
S Laufer
Expert Opinion on Investigational Drugs 12 (7), 1239-1241
- 98 [Identification of Regioisomers in a Series of N-Substituted Pyridin-4-yl Imidazole Derivatives by Regiospecific Synthesis, GC/MS, and ¹H NMR](#) 2003
GK Wagner, D Kotschenreuther, W Zimmermann, **SA Laufer**
The Journal of organic chemistry 68 (11), 4527-4530
- 97 [COX-3: just another COX or the solitary elusive target of paracetamol?](#) 2003
JM Schwab, HJ Schluesener, **S Laufer**
The Lancet 361 (9362), 981-982
- 96 [Influence of willow bark extract on cyclooxygenase activity and on tumor necrosis factor alpha or interleukin 1 beta release in vitro and ex vivo.](#) 2003
I Wagner, C Greim, **S Laufer**, L Heide, CH Gleiter
Clinical pharmacology and therapeutics 73 (3), 272-274
- 95 [NO-Donors. Part 7. Synthesis and Cyclooxygenase Inhibitory Properties of N- and S-Nitrooxypivaloyl-cysteine Derivatives of Naproxen—A Novel Type of NO-NSAID.](#) 2003
RE Kartasasmita, **S Laufer**, J Lehmann
ChemInform 34 (4), no-no
- 94 [Inflammation and rheumatic diseases. The molecular basis of novel therapies](#) 2003
F Calanni, **S Laufer**
Biochemistry and mediators of inflammation. Georg Thieme Verlag, Stuttgart
- 93 [Inflammation and Rheumatic Diseases: The molecular basis of novel therapies](#) 2003
S Laufer, S Gay, K Brune
Georg Thieme Verlag
- 92 [Biochemistry and mediators of inflammation](#) 2003

- F Calanni, **S Laufer**
 Inflammation and Rheumatic Diseases. The Molecular Basis of Novel Therapies. Georg Thieme Verlag
- 91 [LETTERS TO THE EDITOR-Influence of willow bark extract on cyclooxygenase activity and on tumor necrosis factor a or interleukin 1b release in vitro and ex vivo](#) 2003
 I Wagner, C Greim, **S Laufer**, L Heide, CH Gleiter
 Clinical Pharmacology and Therapeutics 73 (3), 272-273
- 90 [Antitubercular Isoniazid and Drug Resistance of *Mycobacterium tuberculosis* — A Review](#) 2002
 T Scior, I Meneses Morales, SJ Garcés Eisele, D Domeyer, **S Laufer**
 Archiv der Pharmazie: An International Journal Pharmaceutical and Medicinal Chemistry 335 (11-12), 511-525
- 89 [An in-vitro screening assay for the detection of inhibitors of proinflammatory cytokine synthesis: a useful tool for the development of new antiarthritic and disease modifying ...](#) 2002
S Laufer, C Greim, T Bertsche
 Osteoarthritis and cartilage 10 (12), 961-967
- 88 [NO-Donors \(VII \[1\]\): Synthesis and Cyclooxygenase Inhibitory Properties of *N*-and *S*-Nitrooxypivaloyl-cysteine Derivatives of Naproxen — A Novel Type of NO ...](#) 2002
 RE Kartasasmita, **S Laufer**, J Lehmann
 Archiv der Pharmazie: An International Journal Pharmaceutical and Medicinal Chemistry 335 (8) 363-366
- 87 [Imidazole inhibitors of cytokine release: probing substituents in the 2 position](#) 2002
SA Laufer, HG Striegel, GK Wagner
 Journal of medicinal chemistry 45 (21), 4695-4705
- 86 [Discovery and development of LICOFELONE \(ML3000\)](#) 2002
S Laufer, S Tries, HG Striegel, P Bias, A Buchner
 EUROPEAN JOURNAL OF CLINICAL PHARMACOLOGY 58 (7), S100-S100
- 85 [2-Thio-substituierte Imidazolderivate und ihre Verwendung in der Pharmazie](#) 2002
S Laufer, D Kotschenreuther, P Merckle, K Tollmann, HG Striegel
- 84 [2-arylalkylthio-imidazoles, 2-arylalkenyl-thio-imidazoles and 2-arylalkinyl-thio-imidazoles as anti-inflammatory substances and substances inhibiting the release of cytokine](#) 2002
S Laufer, HG Striegel, K Neher
 US Patent 6,432,988
- 83 [Process for preparing 6-\(4-chlorophenyl\)-2, 2-dimethyl-7-phenyl-2, 3-dihydro-1H-pyrrolizin-5-yl-acetic acid](#) 2002

- T Kammermeier, **S Laufer**, P Merckle, HG Striegel
US Patent 6,417,371
- 82 [Ones, Thiones, and N-Oxides: An Exercise in Imidazole Chemistry](#) 2002
S Laufer, G Wagner, D Kotschenreuther
Angewandte Chemie International Edition 41 (13), 2290-2293
- 81 [One, Thione und N-Oxide: ein allgemeiner Zugang zu Imidazolderivaten](#) 2002
S Laufer, G Wagner, D Kotschenreuther
Angewandte Chemie 114 (13), 2408-2411
- 80 [Licofelone \(ML-3000\), a dual inhibitor of 5-lipoxygenase and cyclooxygenase, reduces the level of cartilage chondrocyte death in vivo in experimental dog osteoarthritis ...](#) 2002
C Boileau, J Martel-Pelletier, JY Jouzeau, P Netter, F Moldovan, **S Laufer**, S Tries, JP Pelletier
The Journal of Rheumatology 29 (7), 1446-1453
- 79 [Study of the role of leukotriene B₄ in abnormal function of human subchondral osteoarthritis osteoblasts: Effects of cyclooxygenase and/or 5-lipoxygenase inhibition](#) 2002
Y Paredes, F Massicotte, JP Pelletier, J Martel-Pelletier, **S Laufer**, D Lajeunesse
Arthritis & Rheumatism: Official Journal of the American College of Rheumatology 46 (7) 1804-1812
- 78 [From imidazoles to pyrimidines: new inhibitors of cytokine release](#) 2002
SA Laufer, GK Wagner
Journal of medicinal chemistry 45 (13), 2733-2740
- 77 [Studies on the anti-inflammatory activity of phytopharmaceuticals prepared from Arnica flowers](#) 2002
CA Klaas, G Wagner, **S Laufer**, S Sosa, R Della Loggia, U Bomme, HL Pahl, I Merfort
Planta medica 68 (05), 385-391
- 76 [Synthesis of interleukin 1beta, tumor necrosis factor-alpha, and interstitial collagenase \(MMP-1\) is eicosanoid dependent in human osteoarthritis synovial membrane explants ...](#) 2002
W He, JP Pelletier, J Martel-Pelletier, **S Laufer**, JA Di Battista
The Journal of Rheumatology 29 (3), 546-553
- 75 [Antithrombotic and platelet function inhibiting effects of ML3000, a new antiinflammatory drug with Cox/5-LOX inhibitory activity](#) 2002
S Tries, **S Laufer**, P Radziwon, HK Breddin
Inflammation Research 51, 129-134
- 74 [The mechanism of action of the new antiinflammatory compound ML3000: inhibition of 5-LOX and COX-1/2](#) 2002
S Tries, W Neupert, **S Laufer**
Inflammation Research 51, 135-143

- 73 [Neue NSAR: Was bietet die Zukunft?](#) 2002
S Laufer
 Pharmazie in unserer Zeit 31 (2), 164-169
- 72 [Synthesis of IL-1b, TNF-a, and Interstitial Collagenase \(MMP-1\) Is Eicosanoid Dependent in Human OA Synovial Membrane Explants: Interactions with Antiinflammatory Cytokines](#) 2002
 W He, JP Pelletier, J Martel-Pelletier, **S Laufer**, JA DiBattista
 Journal of Rheumatology 29 (3), 546-553
- 71 [Biochemie und Mediatoren der Entzündung](#) 2002
S Laufer
 Rheumatische Erkrankungen und Entzündung: Von den molekularen Grundlagen zur medikamentösen Therapie, Georg Thieme Verlag
- 70 [Rheumatische Erkrankungen und Entzündung: von den molekularen Grundlagen zur medikamentösen Therapie; 26 Tabellen](#) 2002
S Laufer, S Gay, K Brune
 Georg Thieme Verlag
- 69 [Osteoarthritis and Cartilage-Study of the Role of Leukotriene B4 in Abnormal Function of Human Subchondral Osteoarthritis Osteoblasts: Effects of Cyclooxygenase and/or 5 ...](#) 2002
 Y Paredes, F Massicotte, JP Pelletier, J Martel-Pelletier, **S Laufer**, D Lajeunesse
 Arthritis and Rheumatism 46 (7), 1804-1812
- 68 [Neue und zukünftige Therapieansätze](#) 2002
S Laufer
 Laufer, S., Gay, G., Brune K.: Rheumatische Erkrankungen und Entzündung. Georg Thieme Verlag
- 67 [In vivo dual inhibition of cyclooxygenase and lipoxygenase by ML-3000 reduces the progression of experimental osteoarthritis: Suppression of collagenase 1 and interleukin-1β ...](#) 2001
 DV Jovanovic, JC Fernandes, J Martel-Pelletier, FC Jolicoeur, P Reboul, **S Laufer**, S Tries, JP Pelletier
 Arthritis & Rheumatism 44 (10), 2320-2330
- 66 [The in vivo dual inhibition of cyclooxygenase and lipoxygenase by ML-3000 reduces the progression of experimental osteoarthritis: Suppression of collagenase-1 and interleukin-1 ...](#) 2001
 JP Pelletier, JC Fernandes, FC Jolicoeur, P Reboul, S Laufer, S Tries, J Martel-Pelletier
 ARTHRITIS AND RHEUMATISM 44 (9), S307-S307
- 65 [Dual inhibition of 5-lipoxygenase and cyclooxygenases 1 and 2 by ML3000 reduces joint destruction in adjuvant arthritis.](#) 2001
 RE Gay, M Neidhart, F Pataky, S Tries, **S Laufer**, S Gay
 The Journal of Rheumatology 28 (9), 2060-2065

- 64 [Role of leukotriene B-4 in abnormal function of osteoarthritic osteoblasts.](#) 2001
D Lajeunesse, Y Paredes, F Massicotte, J Martel-Pelletier, **S Laufer**, JP Pelletier
ARTHRITIS AND RHEUMATISM 44 (9), S308-S308
- 63 [Discovery and development of ML3000](#) 2001
S Laufer
Inflammopharmacology 9, 101-112
- 62 [The pharmacological profile of ML3000: A new pyrrolizine derivative inhibiting the enzymes cyclo-oxygenase and 5-lipoxygenase](#) 2001
S Tries, **S Laufer**
Inflammopharmacology 9, 113-124
- 61 [Anti-inflammatory drugs: new multitarget compounds to face an old problem. The dual inhibition concept](#) 2001
F Celotti, **S Laufer**
Pharmacological Research 43 (5), 429-436
- 60 [Synthesis and Cyclooxygenase Inhibitory Properties of Novel \(+\) 2-\(6-Methoxy-2-naphthyl\) propanoic Acid \(Naproxene\) Derivatives](#) 2001
AH Abadi, **S Laufer**, J Lehmann
Archiv der Pharmazie 334 (3), 104-106
- 59 [Antiinflammatorische oxo-und hydroxyderivate von pyrrolizinen und deren anwendung in der pharmazie](#) 2001
S Laufer, K Neher, HG Striegel
- 58 [Effects of natural products containing acylresorcinol partial structures on cyclooxygenases and 5-lipoxygenase](#) 2001
F Bracher, J Krauss, **S Laufer**
Pharmazie 56 (5)
- 57 [Copyright WILEY-VCH Verlag GmbH, D-69451 Weinheim, 2001. Supporting Information for Angew. Chem. Int. Ed. Z18173](#) 2001
S Laufer, G Wagner, D Kotschenreuther
- 56 [Osteoarthritis and Cartilage-In Vivo Dual Inhibition of Cyclooxygenase and Lipoxygenase by ML-3000 Reduces the Progression of Experimental Osteoarthritis: Suppression of ...](#) 2001
DV Jovanovic, JC Fernandes, J Martel-Pelletier, FC Jolicoeur, P Reboul, **S Laufer**, S Tries, JP Pelletier
Arthritis and Rheumatism 44 (10), 2320-2330
- 55 [Structural approaches to explain the selectivity of COX-2 inhibitors: is there a common pharmacophore?](#) 2000
G Dannhardt, **S Laufer**
Current Medicinal Chemistry 7 (11), 1101-1112

- 54 [A NOVEL AND VERSATILE SYNTHETIC APPROACH TOWARDS NI-SUBSTITUTED IMIDAZOLE DERIVATIVES](#) 2000
D Kotschenreuther, **S Laufer**
ARCHIV DER PHARMAZIE 333, 43-43
- 53 [In-vitro screening assay to evaluate cytokine release inhibitors](#) 2000
C Donat, **S Laufer**
ARCHIV DER PHARMAZIE 333, 15-15
- 52 [TOWARDS NEW INHIBITORS OF CYTOKINE RELEASE](#) 2000
G Wagner, **S Laufer**
ARCHIV DER PHARMAZIE 333, 97-97
- 51 [A!-annelated pyrrole derivatives and their use in pharmacology](#) 1999
S Laufer, HG Striegel, G Dannhardt
US Patent 5,958,943
- 50 [a!-Annelated pyrrole derivatives and pharmaceutical use thereof](#) 1999
S Laufer, HG Striegel, G Dannhardt
US Patent 5,942,535
- 49 [A!-annellated pyrrole derivatives and their use in pharmacology](#) 1999
S Laufer, HG Striegel, G Dannhardt
US Patent 5,939,415
- 48 [Development of an in-vitro test system for the evaluation of cyclooxygenase-2 inhibitors](#) 1999
S Laufer, P Zechmeister, T Klein
Inflammation research 48, 133-138
- 47 [Anti-inflammatory activity of myricetin-3-O-β-D-glucuronide and related compounds](#) 1998
A Hiermann, HW Schramm, **S Laufer**
Inflammation research 47, 421-427
- 46 [Uricosurisch wirksame Metabolite des Benzbromarons](#) 1998
S Laufer, J Manner, S Tries, V Luckow, P Arnold
SCIENTIA PHARMACEUTICA 66, S76-S76
- 45 [The effects of ML 3000 on antigen-induced responses in sheep](#) 1997
WM Abraham, **S Laufer**, S Tries
Pulmonary pharmacology & therapeutics 10 (3), 167-173
- 44 [Bioequivalence evaluation of two flutamide preparations in healthy female subjects.](#) 1997
K Doser, R Guserle, R Kramer, **S Laufer**, K Lichtenberger
Arzneimittel-forschung 47 (2), 213-217
- 43 [Synthesis and evaluation of a novel series of pyrrolizine derivatives as dual cyclooxygenase-1 and 5-lipoxygenase inhibitors](#) 1997

- S Laufer**, HG Striegel, K Neher, P Zechmeister, C Donat, K Stolingwa, S Baur, S Tries, T Kammermeier, G Dannhardt, W Kiefer
Archiv der Pharmazie 330 (9-10), 307-312
- 42 [Synthesis and biological identification of the acyl glucuronide of the antiinflammatory drug ML-3000](#) 1997
A Kirschning, M Ries, S Domann, W Martin, W Albrecht, P Arnold, **S Laufer**
Bioorganic & Medicinal Chemistry Letters 7 (7), 903-906
- 41 [Efficient Synthesis of New 2-Cycloalk\(en\)ylpropanoic Acid Derivatives—Medium and Large Rings as Bioisosteres of Alkylphenyl Moieties?](#) 1996
B Greve, P Imming, **S Laufer**
Angewandte Chemie International Edition in English 35 (11), 1221-1223
- 40 [Effiziente Synthese neuer 2-Cycloalk\(en\)yl-propansäure-Derivate—mittlere und große Ringe als Bioisostere von Alkylphenylresten?](#) 1996
B Greve, P Imming, **S Laufer**
Angewandte Chemie 108 (11), 1312-1314
- 39 [Regioisomeric 5 \(3\)-aminomethyl-3 \(5\)-phenylisoxazoles: synthesis, spectroscopic discrimination, and muscarinic activity.](#) 1995
G Dannhardt, G Lambrecht, **S Laufer**, E Mutschler, J Schweiger
Archiv der Pharmazie 328 (5), 437-443
- 38 [Studies on the in vitro and in vivo genotoxicity of \[2, 2-dimethyl-6-\(4-chlorophenyl\)-7-phenyl-2, 3-dihydro-1H-pyrrolizine-5-yl\]-acetic acid](#) 1995
A Heidemann, S Tries, **S Laufer**, J Augustin
Arzneimittel-Forschung 45 (4), 486-490
- 37 [Distribution and excretion of \[14C\]-labelled \[2, 2-dimethyl-6-\(4-chlorophenyl\)-7-phenyl-2, 3-dihydro-1H-pyrrolizine-5-yl\]-\[2'-14C\]-acetic acid in rats.](#) 1995
HP Deigner, CE Freyberg, **S Laufer**
Arzneimittel-forschung 45 (3), 272-276
- 36 [General pharmacology of \[2, 2-dimethyl-6-\(4-chlorophenyl\)-7-phenyl-2, 3-dihydro-1H-pyrrolizine-5-yl\]-acetic acid in experimental animals.](#) 1995
DR Algate, J Augustin, PR Atterson, DJ Beard, CM Jobling, **S Laufer**, PL Munt, S Tries
Arzneimittel-forschung 45 (2), 159-165
- 35 [Acute and chronic anti-inflammatory properties of \[2, 2-dimethyl-6-\(4-chlorophenyl\)-7-phenyl-2, 3-dihydro-1H-pyrrolizine-5-yl\]-acetic acid.](#) 1995
S Laufer, S Tries, J Augustin, R Elsässer, W Albrecht, R Guserle, DR Algate, PR Atterson, PL Munt
Arzneimittel-forschung 45 (1), 27-32
- 34 [In-vitro test system for the evaluation of dual cyclooxygenase and 5-lipoxygenase inhibitors](#) 1995
S Laufer, K Neher, B Bayer, J Homann, E Reutter, S Tries

- Pharmaceutical and Pharmacological Letters 5 (4), 166-169
- 33 [Regioisomeric 3-, 4-and 5-aminomethyl isoxazoles: synthesis and muscarinic activity](#) 1995
G Dannhardt, W Kiefer, G Lambrecht, **S Laufer**, E Mutschler, J Schweiger, HG Striegel
European journal of medicinal chemistry 30 (11), 839-850
- 32 [ML 3000 reduces gastric prostaglandin synthesis without causing mucosal injury](#) 1994
JL Wallace, L Carter, W McKnight, S Tries, **S Laufer**
European journal of pharmacology 271 (2-3), 525-531
- 31 [Gastrointestinal tolerance of \[2, 2-dimethyl-6-\(4-chlorophenyl-7-phenyl-2, 3-dihydro-1H-pyrrolizine-5-yl\)-acetic acid in the rat.](#) 1994
S Laufer, S Tries, J Augustin, R Elsässer, DR Algate, PR Atterson, PL Munt
Arzneimittel-forschung 44 (12), 1329-1333
- 30 [P59 Diarylpyrrolizines; dual inhibitors of CO and 5-LO](#) 1994
S Laufer, S Tries, J Augustin
European Journal of Pharmaceutical Sciences 2 (1-2), 133
- 29 [\(6, 7-Diaryldihydropyrrolizin-5-yl\) acetic acids, a novel class of potent dual inhibitors of both cyclooxygenase and 5-lipoxygenase](#) 1994
SA Laufer, J Augustin, G Dannhardt, W Kiefer
Journal of medicinal chemistry 37 (12), 1894-1897
- 28 [Pharmacological profile of a new pyrrolizine derivative inhibiting the enzymes cyclo-oxygenase and 5-lipoxygenase.](#) 1994
S Laufer, S Tries, J Augustin, G Dannhardt
Arzneimittel-forschung 44 (5), 629-636
- 27 [Duale Hemmstoffe der Cyclooxygenase und 5-Lipoxygenase; ein neuer Ansatz zur Entwicklung nebenwirkungsarmer NSAR](#) 1994
S Laufer, S Tries, J Augustin, G Dannhardt
SCIENTIA PHARMACEUTICA 62, 167-167
- 26 [Hypertensive effects and structure-activity relationships of 5-omega-aminoalkyl isoxazoles.](#) 1993
G Dannhardt, P Dominiak, **S Laufer**
Arzneimittel-forschung 43 (4), 441-444
- 25 [5-\(β-Aminoethyl\) aminoisoxazoles with Hypertensive Activity: Synthesis and Screening of Isoxazolopyrazines and Isoxazolodiazepines.](#) 1991
G DANNHARDT, P DOMINIAK, **S LAUFER**
ChemInform 22 (28), no-no
- 24 [5-\(\(β-Aminoethyl\) amino\) isoxazoles with Hypertensive Activity: Synthesis and Screening of Derivatives with Partially Rigid C-5 Side Chains and Heterocycles at the ω-Position ...](#) 1991

- G Dannhardt, P DOMINIAK, **S LAUFER**
ChemInform 22 (2), no-no
- 23 [Hypertensiv wirksame 5-\(\$\beta\$ -Aminoethyl\) aminoisoxazole: Synthese und Prüfung von Isoxazolopyrazinen und Isoxazolodiazepinen](#) 1991
G Dannhardt, P Dominiak, **S Laufer**
Archiv der Pharmazie 324 (3), 141-148
- 22 [Hypertensive acting 5-\(beta-aminoethyl\) aminoisoxazoles: synthesis and screening of derivatives with with partially rigid C-5 side chains and omega-position heterocyclics](#) 1990
G Dannhardt, P Dominiak, **S Laufer**
Archiv der Pharmazie 323 (9), 571-578
- 21 [Hypertensive action of 5-\(omega-aminoalkyl\) aminoisoxazole: synthesis and testing of compounds with a sulfamide or carboxyl group on the end of side chain](#) 1990
G Dannhardt, P Dominiak, **S Laufer**
Archiv der Pharmazie 323 (8), 517-519
- 20 [5-\(OMEGA-AMINOALKYL\) AMINOISOXAZOLES WITH HYPERTENSIVE ACTIVITY-SYNTHESIS AND SCREENING OF COMPOUNDS WITH A SULFAMIDE OR CARBOXYL FUNCTION AT THE END OF THE SIDE-CHAIN](#) 1990
G DANNHARDT, P DOMINIAK, **S LAUFER**
ARCHIV DER PHARMAZIE 323 (8), 517-519
- 19 [Ring Transformations of 2-Phenacylidimidazolidines: Synthesis of 5-\(\$\beta\$ -Aminoethyl\) anilinopyrazoles and 2-Acyl-3-\(\$\beta\$ -aminoethyl\) aminothiophenes.](#) 1990
G Dannhardt, **S Laufer**
ChemInform 21 (7), no-no
- 18 [Hypertensiv wirksame 5-\(\$\omega\$ -Aminoalkyl\) aminoisoxazole: Synthese und Prüfung von Verbindungen mit einer Sulfamid-oder Carboxyl-Gruppe am Ende der Seitenkette](#) 1990
G Dannhardt, P Dominiak, **S Laufer**
Archiv der Pharmazie 323 (8), 517-519
- 17 [Hypertensiv wirksame 5-\(\$\beta\$ -Aminoethyl\) aminoisoxazole: Synthese und Prüfung von Derivaten mit teilrigidisierter C-5-Seitenkette bzw. \$\omega\$ -ständigem Heterocyclus](#) 1990
G Dannhardt, P Dominiak, **S Laufer**
Archiv der Pharmazie 323 (9), 571-578
- 16 [A New Synthesis of 3, 4-Diaryl-5-oxo-4, 5-dihydroisoxazoles and Their Transformation to 5-\(N-\(\$\omega\$ -Aminoalkyl\) amino\) isoxazoles and 5-\(2-Aminoethylthio\) isoxazoles.](#) 1989
G Dannhardt, **S Laufer**, I Obergrusberger
ChemInform 20 (37), no-no

- 15 [Ring Transformation of 2-Phenacylideneimidazolines into 5-\(2-Aminoethyl\)-3-aryl-5-phenylaminoisoxazoles.](#) 1989
G Dannhardt, **S Laufer**
ChemInform 20 (23), no-no
- 14 [5-\(2-Aminoethyl\)-3-aryl-5-phenylaminoisoxazole durch Ringtransformation von 2-Phenacylideneimidazolinen](#) 1989
G Dannhardt, **S Laufer**
Synthesis 1989 (01), 12-15
- 13 [Eine neue Synthese für 3, 4-Diaryl-5-oxo-4, 5-dihydroisoxazole und ihre Überführung in 5-\[N-\(ω-Aminoalkyl\) amino\] isoxazole und 5-\(2-Aminoethylthio\) isoxazole](#) 1989
G Dannhardt, **S Laufer**, I Obergrusberger
Synthesis 1989 (04), 275-280
- 12 [HPLC determination of etofenamate and flufenamic acid in biological material.](#) 1988
G Dannhardt, **S Laufer**, M Lehr
Clinical chemistry 34 (12), 2580-2581
- 11 [PREPARATION AND CARDIOVASCULAR ACTIVITY OF 5-OMEGA-AMINO-ALKYL \(-HETEROALKYL\) ISOXAZOLENE](#) 1988
G DANNHARDT, P DOMINIAK, **S LAUFER**
ARCHIV DER PHARMAZIE 321 (9), 576-576
- 10 [Enaminodiester and Monoester with a Semicyclic C| C-Bond of the Pyrrolidine and Imidazolidine Series](#) 1988
G Dannhardt, **S Laufer**, K Zierys
Archiv der Pharmazie 321 (7), 429-430
- 9 [Unselective COX Inhibitors](#) 1988
SA Laufer
- 8 [TÍTULO DO TRABALHO: TRITERPENÓIDE ISOLADO DAS PARTES AÉREAS DE Senecio selloi Spreng. DC.: AVALIAÇÃO DAS ATIVIDADES ANTIINFLAMATÓRIA E ANESTÉSICA GERAL.](#)
GNS DA SILVA, MA DA CUNHA, B BALDISSEROTTO, **S LAUFER**, CA MALLMANN, BM HEINZMANN
- 7 [Identification of Urinary Nucleosides](#)
D Bullinger, A Frickenschmidt, M Pelzing, T Zey, G Zurek, **S Laufer**, B Kammerer
- 6 [Structure and Metabolic Function of COX-1](#)
SA Laufer
- 5 [PHYTOCHEMICAL AND BIOLOGICAL STUDIES OF THE BARK FROM PARAPIPTADENIA RIGIDA](#)
CA Schmidt, M Fronza, M Goettert, R Murillo, V Brecht, B Heinzmann, **S Laufer**, I Merfort

- 4 [COX-3Oa virtual pain target in humans?](#)
J SCHWAB, T BEITER, JU LINDER, **S LAUFER**, JE SCHULZ, R MEYERMANN, HJ SCHLUESENER
- 3 [p38 MAP-KINASE INHIBITORS AND THEIR CYP-450 INTERFERENCE: AN OPTIMIZATION](#)
K Ruff, D Kotschenreuther, **S Laufer**
- 2 [Small Molecule Inhibitors OF Cytokine Release Bioisosteric Replacement](#)
MD Fritz, **S Laufer**
- 1 [Covalent Inhibitors re-invented](#)
P Koch, F Muth, M Günther, M Juchum, M Forster, D Rauh, S Knapp, **SA Laufer**
Artikel 1–633