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REVIEWS

Ligand-Based Vascular Targeting of Disease

*Jascha-N. Rybak, Eveline Trachsel, Jörg Scheuermann, Dario Neri**

MINIREVIEWS

Advances towards the Development of ATP-Competitive Small-Molecule Inhibitors of the Insulin-Like Growth Factor Receptor (IGF-IR)

Robert D. Hubbard, Julie L. Wilsbacher*

ORIGINAL CONTRIBUTIONS

Acetylenic Pyridines for Use in PET Imaging of Nicotinic Receptors

Alan P. Kozikowski, Sheela K. Chellappan, David Henderson, Roger Fulton, Nicolas Giboureau, Yingxian Xiao, Zhi-Liang Wei, Denis Guilloteau, Patrick Emond, Frederic Dolle, Kenneth J. Kellar, Michael Kassiou**

Discovery of Selective Irreversible Inhibitors for Bruton's Tyrosine Kinase

Zhengying Pan, Heleen Scheerens, Shyr-Jiann Li, Brian E. Schultz, Paul A. Sprengeler, L. Chuck Burrill, Rohan V. Mendonca, Michael D. Sweeney, Keana C. K. Scott, Paul G. Grothaus, Douglas A. Jeffery, Jill M. Spoerke, Lee A. Honigberg, Peter R. Young, Stacie A. Dalrymple, James T. Palmer*The Anionic Boron Cluster ($B_{12}H_{11}SH$)²⁻ as a Means To Trigger Release of Liposome Contents*Detlef Gabel,* Doaa Awad, Tanja Schaffran, Diana Radovan, Daniel Dărăban, Luminita Damian, Mathias Winterhalter, Göran Karlsson, Katarina Edwards*Benzo[d]isothiazol-3-yl-benzamides: a Class of Protective Agents on Culture of Human Cartilage and Chondrocytes Stimulated by IL-1 β *Paola Vicini,* Matteo Incerti, Venera Cardile, Floriana Garufi, Simone Ronsisvalle, Anna Maria Panico**

The Importance of the Active Site Histidine for the Activity of Epoxide- or Aziridine-Based Inhibitors of Cysteine Proteases

*Milena Mladenovic, Tanja Schirmeister, Stefan Thiel, Walter Thiel, Bernd Engels**

Topical Delivery of Silver Nanoparticles Promotes Wound Healing

Jun Tian, Kenneth K. Y. Wong, Chi-Ming Ho, Chun-Nam Lok, Wing-Yiu Yu, Chi-Ming Che, Jen-Fu Chiu, Paul K. H. Tam*Design, Syntheses, Biological Evaluation, and Docking Studies of 2-Substituted 5-Methylsulfonyl-1-Phenyl-1*H*-Indoles: Potent and Selective in vitro Cyclooxygenase-2 Inhibitors*Olga Cruz-López, Juan José Díaz-Mochón, Joaquín M. Campos, Antonio Entrena, María T. Núñez, Luis Labeaga, Aurelio Orjales, Miguel A. Gallo, Antonio Espinosa**

Nanomolar Inhibition of Type II Dehydroquinase Based on the Enolate Reaction Mechanism

*Miguel D. Toscano, Richard J. Payne, Akira Chiba, Olivier Kerbarh, Chris Abell**

Macrocyclic Aminopyrimidines as Multitarget CDK and VEGF-R Inhibitors with Potent Antiproliferative Activities

Ulrich Lücking, Gerhard Siemeister, Martina Schäfer, Hans Briem, Martin Krüger, Philip Lienau, Rolf Jautelat*Simulating α/β Selectivity at the Human Thyroid Hormone Receptor: Consensus Scoring Using Multidimensional QSAR*Angelo Vedani,* Martin Zumstein, Markus A. Lill, Beat Ernst*Don't risk missing out! Subscribe to *ChemMedChem*. Contact service@wiley.vch.de