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REVIEWS

Structure-Based Organic Synthesis of Drug Prototypes: A Personal Odyssey

*Stephen Hanessian**

MINIREVIEW

Hsp90 as a Target for Drug Development

*Subhabrata Chaudhury, Timothy R. Welch,
Brian S. J. Blagg**

ORIGINAL CONTRIBUTIONS

Addressing Protein Flexibility and Ligand Selectivity by "in situ Cross-Docking"

*Matthias Zentgraf, Jasmine Fokkens, Christoph A. Sotriffer**

Arylthiopyrrole (ATHP) Derivatives as Non-Nucleoside HIV-1 Reverse Transcriptase Inhibitors: Synthesis, Structure–Activity Relationships, and Docking Studies (Part 1)

Roberto Di Santo, Roberta Costi, Marino Artico, Gaetano Miele, Antonio Lavecchia, Ettore Novellino, Alberto Bergamini, Reynel Cancio, Giovanni Maga*

Arylthiopyrrole (ATHP) Derivatives as Non-Nucleoside HIV-1 Reverse Transcriptase Inhibitors: Synthesis, Structure–Activity Relationships, and Docking Studies (Part 2)

*Antonio Lavecchia, Roberta Costi, Marino Artico, Gaetano Miele, Ettore Novellino, Alberto Bergamini, Emmanuele Crespan, Giovanni Maga, Roberto Di Santo**

Trapping Norovirus by Glycosylated Hydrogels: a Potential Oral Antiviral Drug

*Yalong Zhang, Qingjia Yao, Chengfeng Xia, Xi Jiang, Peng George Wang**

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**

Virtual Screening for PPAR Modulators Using a Probabilistic Neural Network

*Swetlana Derksen, Oliver Rau, Petra Schneider, Manfred Schubert-Zsilavec, Gisbert Schneider**

Topical Delivery of Silver Nanoparticles Promotes Wound Healing

Jun Tian, Kenneth K. Y. Wong, Chi-Ming Ho, Chun-Nam Lok, Wing-Yiu Yu, Prof Chi-Ming Che, Jen-Fu Chiu, Paul K. H. Tam*

Granulatoside A, a Starfish Steroid Glycoside, Enhances PC12 Cell Neurogenesis Induced by Nerve Growth Factor through an Activation of MAP Kinase

*Jianhua Qi, Chunguang Han, Yumi Sasayama, Hiroko Nakahara, Takahiro Shibata, Koji Uchida, Makoto Ojika**

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

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

Achiral, Cheap, and Potent Inhibitors of Plasmepsins I, II, and IV

*Christoph Boss, Olivier Corminboeuf, Corinna Grisostomi, Solange Meyer, Andrew F. Jones, Lars Prade, Christoph Binkert, Walter Fischli, Thomas Weller, Daniel Bur**

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