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## REVIEWS

Recent Developments in Ghrelin Receptor Ligands

A. Moulin, J. Ryan, J. Martinez, J.-A. Fehrentz\*

## MINIREVIEWS

Asymmetric Organocatalysis

S. Jaroch,\* H. Weinmann,\* K. Zeitler\*

## SELECTED ORIGINAL CONTRIBUTIONS

Synthesis, Cruzain Docking, and in vitro Studies of Aryl-4-Oxothiazolyl-hydrazones Against *Trypanosoma cruzi*

A. C. L. Leite,\* D. R. de M. Moreira, M. V. de O. Cardoso, M. Z. Hernandez, V. R. Alves Pereira, R. O. Silva, A. C. Kiperstok, M. da S. Lima, M. B. P. Soares

Predicting Lipophilicity of Drug-Discovery Molecules using Gaussian Process Models

T. S. Schroeter,\* A. Schwaighofer, S. Mika, A. Ter Laak, D. Suelzle, U. Ganzer, N. Heinrich, K.-R. Müller

Exploration of the Binding Mode of Indanesulfonamides as Selective Inhibitors of Human Carbonic Anhydrase Type VII by Targeting Lys91

A. Thiry,\* B. Masereel, J.-M. Dogné, C. T. Supuran, J. Wouters, C. Michaux

Synthesis and Biological Activity of Metabolically Stabilized Cyclopentyl Trisphosphate Analogues of D-myo-Ins(1,4,5)P<sub>3</sub>

L. Zhang, W. Huang, A. Tanimura, T. Morita, S. Harihar, D. B. DeWald, G. D. Prestwich\*

Synthesis and Evaluation of 3-Phenylpyrazolo[3,4-d]pyrimidine-Peptide Conjugates as Src Kinase Inhibitors

A. Kumar, Y. Wang, X. Lin, G. Sun, K. Parang\*

Enhanced Growth Inhibition of Hepatic Multicellular Tumor Spheroids by Lactosylated Poly(ethylene glycol)-siRNA Conjugate Formulated in PEGylated Polyplexes

M. Oishi, Y. Nagasaki,\* N. Nishiyama, K. Itaka, M. Takagi, A. Shimamoto, Y. Furuichi, K. Kataoka\*

AT<sub>1</sub> Receptor Ligands: Virtual-Screening-Based Design with TOPP Descriptors, Synthesis, and Biological Evaluation of Pyrrolidine Derivatives

C. Lamanna, A. Catalano, A. Carocci, A. Di Mola, C. Franchini,\* V. Tortorella, P. M. L. Vanderheyden, M. S. Sinicropi, K. A. Watson, S. Sciabola

Introduction of a Generally Applicable Method to Estimate Retrieval of Active Molecules for Similarity Searching using Fingerprints

M. Vogt, J. Bajorath\*

pH-Responsive Multi-PEGylated Dual Cationic Nanoparticles Enable Charge Modulations for Safe Gene Delivery

M. P. Xiong, Y. Bae, S. Fukushima, M. L. Forrest, N. Nishiyama, K. Kataoka,\* G. S. Kwon\*

Metronidazole-Flavonoid Derivatives as Anti-*Helicobacter pylori* Agents with Potent Inhibitory Activity against HPE-Induced Interleukin-8 Production by AGS Cells

H.-Q. Li, C. Xu, H.-S. Li, Z.-P. Xiao, L. Shi, H.-L. Zhu\*

X-ray Structures and Thermodynamics of the Interaction of PA-III from *Pseudomonas aeruginosa* with Disaccharide Derivatives

K. Marotte, C. Sabin, C. Préville, M. Moumé-Pymbock, M. Wimmerová, E. P. Mitchell, A. Imbert,\* R. Roy\*

Co-Delivery of Hydrophobic and Hydrophilic Drugs from Nanoparticle-Aptamer Bioconjugates

L. Zhang, A. F. Radovic-Moreno, F. Alexis, F. X. Gu, P. A. Basto, V. Bagalkot, S. Jon, R. S. Langer, O. C. Farokhzad\*

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