

MINIREVIEWS

Structure–Activity Relationships of Phenylalkylamines as Agonist Ligands for 5-HT_{2A} Receptors A. R. Blaazer,* P. Smid, C. G. Kruse*

SELECTED ORIGINAL CONTRIBUTIONS

Rational Design and Synthesis of 2,2-Bisheterocycle Tandem Derivatives as Non-Nucleoside Hepatitis B Virus Inhibitors

H.-J. Chen, W.-L. Wang, G.-F. Wang, L.-P. Shi, M. Gu, Y.-D. Ren, L.-F. Hou, P.-L. He, F.-H. Zhu, X.-G. Zhong, W. Tang, J.-P. Zuo,* F.-J. Nan*

Computer-Aided Design and Synthesis of Nonpeptidic Plasmeprin II and IV Inhibitors

T. Luksch, N.-S. Chan, S. Brass, C. A. Sotriffer, G. Klebe, W. E. Diederich*

Substrate-Induced Stable Enzyme–Inhibitor Complex Formation Allows Tight Binding of Novel 2-Aminopyrimidin-4(3H)-ones to Drug-Resistant HIV-1 Reverse Transcriptase Mutants

A. Samuele, M. Facchini, D. Rotili, A. Mai,* M. Artico, M. Armand-Ugón, J. A. Esté, G. Maga*

Facile Biocatalytic Access to 9-Fluorenylmethyl Polyglycosides: Evaluation of Antiviral Activity on Immunocompetent Cells

A. Tramice, A. Arena, A. De Gregorio, R. Ottanà, R. Maccari, B. Pavone, N. Arena, D. Iannello, M. G. Vigorita, A. Trincone*

Synthesis and Biological Evaluation of *N*-Acylhydrazones as Inhibitors of MurC and MurD Ligases

R. Šink, A. Kovač, T. Tomašić, V. Rupnik, A. Boniface, J. Bostock, I. Chopra, D. Blanot, L. P. Mašić, S. Gobec, A. Zega*

Synthesis of Benzamides Related to Anacardic Acid and Their Histone Acetyltransferase (HAT) Inhibitory Activities

J. A. Souto, M. Conte, R. Álvarez, A. Nebbioso, V. Carafa, L. Altucci,* A. R. de Lera*

Phenanthroline Derivatives with Improved Selectivity as DNA-Targeting Anticancer or Antimicrobial Drugs

S. Roy, K. D. Hagen, D. P. U. Maheswari, M. Lutz, A. L. Spek, J. Reedijk,* G. P. van Wezel*

Targeting the Folate Receptor (FR): Imaging and Cytotoxicity of Re^I Conjugates in FR-Overexpressing Cancer Cells

N. Viola-Villegas, A. E. Rabideau, J. Cesnavicious, J. Zubieta, R. P. Doyle*

Stimulus Dependence of the Action of Small-Molecule Inhibitors in the CD3/CD28 Signalling Network

K. Köhler, A. Ganser, T. André, G. Roth, L. Grosse-Hovest, G. Jung, R. Brock*

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