

MINIREVIEWS

Inhibitors of Mitotic Kinesins: Next-Generation Antimitotics

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ORIGINAL CONTRIBUTIONS

Tuning Wasp Toxin Structure for Nicotinic Receptor Antagonism: Cyclohexylalanine-Containing Analogues as Potent and Voltage-Dependent Blockers

Christian A. Olsen, Ian R. Mellor, Petrine Wellendorph, Peter N. R. Usherwood, Matthias Witt, Henrik Franzyk, Jerzy W. Jaroszewski*

Bisubstrate Inhibitors of Catechol O-Methyltransferase (COMT): the Crucial Role of the Ribose Structural Unit for Inhibitor Binding Affinity

Ralph Paulini, Christian Trindler, Christian Lerner, Lukas Brändli, W. Bernd Schweizer, Roland Jakob-Roetne, Gerhard Zürcher, Edilio Borroni, François Diederich*

Synthesis and Preliminary Biological Evaluation of 2'-Substituted 2-(3'-Carboxybicyclo[1.1.1]pentyl)glycine Derivatives as Group I Selective Metabotropic Glutamate Receptor Ligands

Roberto Pellicciari*, Rosanna Filosa, Maria Carmela Fulco, Maura Marinuzzi, Antonio Macchiarulo, Clemens Novak, Benedetto Natalini, Mette Brunsgaard Hermit, Søren Møller Nielsen, Thomas Nikolaj Sager, Tine Bryan Stensboel, Christian Thomsen

Phosphorothioate Analogues of Alkyl Lysophosphatidic Acid as LPA3 Receptor-Selective Agonists

Lian Qian, Yong Xu, Ted Simper, Guowei Jiang, Junken Aoki, Makiko Umezu-Goto, Hiroyuki Arai, Shuangxing Yu, Gordon B. Mills, Ryoko Tsukahara, Natalia Makarova, Yuko Fujiwara, Gabor Tigyi, Glenn D. Prestwich*

Design and Synthesis of a PSMA Inhibitor–Doxorubicin Conjugate for Targeted Prostate Cancer Therapy

Sarva Jayaprakash, Xinning Wang, Warren D. Heston, Alan P. Kozikowski*

Comparative Analysis of the Surface Interaction Properties of the Binding Sites of CDK2, CDK4, and ERK2

Matthew D. Kelly, Ricardo L. Mancera*

An Accurate and Interpretable Bayesian Classification Model for Prediction of hERG Liability

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Stable Expression of Soluble Therapeutic Peptides in Eukaryotic Cells by Multimerisation: Application to the HIV-1 Fusion Inhibitory Peptide C46

Xavier Dervillez, Alexandra Hüther, Jochen Schuhmacher, Christian Griesinger, Jacques Cohen, Dorothee von Laer, Ursula Dietrich*

Synthesis and Pharmacological Evaluation of 8- and 9-Substituted Benzolactam-V8 Derivatives as Potent Ligands for Protein Kinase C, a Therapeutic Target for Alzheimer's Disease

Ulrich R. Mach, Nancy E. Lewin, Peter M. Blumberg, Alan P. Kozikowski*

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