

12/2008

REVIEWS

Small-Molecule Inhibitors of PDK1

C. Peifer,* D. R. Alessi

SELECTED ORIGINAL CONTRIBUTIONS

Natural-Product-Like Spiroketal and Fused Bicyclic Acetals as Potential Therapeutic Agents for B-Cell Chronic Lymphocytic Leukaemia

L.-G. Milroy, G. Zinzalla, F. Loiseau, Z. Qian, G. Prencipe, C. Pepper, C. Fegan, S. V. Ley*

Three-Dimensional Database Mining Identifies a Unique Chemotype that Unites Structurally Diverse Botulinum Neurotoxin Serotype A Inhibitors in a Three-Zone Pharmacophore

A. R. Hermone, J. C. Burnett, J. E. Nuss, L. E. Tressler, T. L. Nguyen, B. A. Šolaja, J. L. Vennerstrom, J. J. Schmidt, P. Wipf, S. Bavari,* R. Gussio*

Ground State, Intermediate, and Multivalent Nucleotide Analogue Inhibitors of Cytidine 5'-Triphosphate Synthase

S. D. Taylor,* F. A. Lunn, S. L. Bearne*

Design and Synthesis of Potent and Selective Azaindole-Based Rho Kinase (ROCK) Inhibitors

H. Schirok,* R. Kast, S. Figueroa-Pérez, S. Bennabi, M. J. Gnoth, A. Feurer, H. Heckroth, M. Thutewohl, H. Paulsen, A. Knorr, J. Hütter, M. Lobell, K. Münter, V. Geiß, H. Ehmke, D. Lang, M. Radtke, J. Mittendorf, J.-P. Stasch

Modeling of the Intestinal Peptide Transporter hPepT1 and Analysis of Its Transport Capacities by Docking and Pharmacophore Mapping

A. Pedretti, L. De Luca, C. Marconi, G. Negrisoli, G. Aldini, G. Vistoli*

Thiobarbiturates as Sirtuin Inhibitors: Virtual Screening, Free-Energy Calculations, and Biological Testing

U. Uciechowska, J. Schemies, R. C. Neugebauer, E.-M. Huda, M. L. Schmitt, R. Meier, E. Verdin, M. Jung, W. Sippl*

Differences in Paclitaxel and Docetaxel Interactions with Tubulin Detected by Mutagenesis of Yeast Tubulin

R. D. Winefield, R. A. Entwistle, T. B. Foland, G. H. Lushington, R. H. Himes*

Bisphosphonated Benzoxazinorifamycin Prodrugs for the Prevention and Treatment of Osteomyelitis

R. Reddy, E. Dietrich, Y. Lafontaine, T. J. Houghton, O. Belanger, A. Dubois, F. F. Arhin, I. Sarmiento, I. Fadhil, K. Laquerre, V. Ostiguy, D. Lehoux, G. Moeck, T. R. Parr Jr., A. Rafai Far*

Efficient Cellular Labeling by CD44 Receptor-Mediated Uptake of Cationic Liposomes Functionalized with Hyaluronic Acid and Loaded with MRI Contrast Agents

G. Esposito, S. Geninatti Crich, S. Aime*

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