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REVIEWS

Carbohydrates as Scaffolds in Drug Discovery

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HIGHLIGHTS

The Gatekeeper: Friend or Foe in Identifying the Next Generation of Kinase Inhibitors

Olaf Prien*

ORIGINAL CONTRIBUTIONS

Synthesis of Libraries of 16 β -Aminopropyl Estradiol Derivatives for Targeting Two Key Steroidogenic Enzymes

Liviu C. Ciobanu, Donald Poirier*

Diacetyldiamidoximeester of Pentamidine, a Prodrug for Treatment of Protozoal Diseases: Synthesis, in vitro and in vivo Biotransformation

Bernd Clement,* Anja Bührenheide, Wolfgang Rieckert, Jörg Schwarz

Solid-Phase Synthesis, Characterization, and Antibacterial Activities of Metallocene–Peptide Bioconjugates

Janine T. Chantson,* Maria Vittoria Verga Falzacappa, Sergio Crovella, Nils Metzler-Nolte*

Mapping the Fluorophilicity of a Hydrophobic Pocket: Synthesis and Biological Evaluation of Tricyclic Thrombin Inhibitors Directing Fluorinated Alkyl Groups into the P Pocket

Anja Hoffmann-Röder, Eliane Schweizer, Jonas Egger, Paul Seiler, Ulrike Obst-Sander, Björn Wagner, Manfred Kansy, David W. Banner, François Diederich*

Insight into the Inhibition of Human Choline Kinase: Homology Modeling and Molecular Dynamics Simulations

Lara Milanese, Antonio Espinosa, Joaquín M. Campos, Miguel A. Gallo, Antonio Entrena*

In Silico ADMET Traffic Lights as a Tool for the Prioritization of HTS Hits

Mario Lobell,* Martin Hendrix, Berthold Hinzen, Jörg Keldenich, Heinrich Meier, Carsten Schmeck, Rudolf Schohe-Loop, Tobias Wunberg, Alexander Hillisch

Monitoring the Ligand Binding Mode by Proton NMR Chemical Shift Differences

Srisunder Subramaniam, Stephen L. Briggs, Allen D. Kline*

The Presence of a Ferrocenyl Unit on an Estrogenic Molecule is Not Always Sufficient to Generate in vitro Cytotoxicity

Anne Vessières,* Daniela Spera, Siden Top, Boguslav Misterkiewicz, Jan-Martin Heldt, Elizabeth Hillard, Michel Huché, Marie-Aude Plamont, Elio Napolitano, Rita Fiaschi, Gérard Jaouen

Protein Structure-Based Prediction of Animal Model Suitability for Pharmacodynamic Studies of Subtype-Selective Estrogens

Luisella Toschi,* Jochen Hilbig, Tim Wintermantel, Adelheid Engelhaupt, Alexander Walter, Karl-Heinrich Fritze-meier, Alexander Hillisch

Rational Design of RGD–Albumin Conjugates for Targeted Delivery of the VEGF-R Kinase Inhibitor PTK787 to Angiogenic Endothelium

Kai Temming,* Marie Lacombe, Roel Q. J. Schaapveld, László Orfi, György Kéri, Klaas Poelstra, Grietje Molema, Robbert J. Kok

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