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REVIEWS

The Chemistry and Biology of Epothilones—The Wheel Keeps Turning *Karl-Heinz Altmann,* Bernhard Pfeiffer, Stellios Arseniyadis, Benjamin A. Pratt, K. C. Nicolaou**

MINIREVIEWS

Investigation of Protein–Ligand Interactions by Mass Spectrometry *Andrea Sinz**

HIGHLIGHTS

Antivascular Therapies: Targets Beyond the Vessel Wall *Kai Temming,* Robbert J. Kok*

ORIGINAL CONTRIBUTIONS

- Prediction of Tyrosinase Inhibition Activity Using Atom-Based Bilinear Indices *Yovani Marrero-Ponce,* Mahmud Tareq Hassan Khan, Gerardo M. Casañola Martín, Arjumand Ather, Mukhlis N. Sultankhodzhaev, Francisco Torrens, Richard Rotondo*
- Estrogenic Analogues Synthesized by Click Chemistry *Tracey Piralì, Silvia Gatti, Roberto Di Brisco, Sara Tacchi, Roberta Zaninetti, Elisa Brunelli, Alberto Massarotti, Giovanni Sorba, Pier Luigi Canonico, Laura Moro, Armando A. Genazzani, Gian Cesare Tron,* Richard A. Billington*
- Design, Synthesis, and Evaluation of Tripeptidic Promoietyes Targeting the Intestinal Peptide Transporter hPEPT1 *Karina Thorn, Rikke Andersen, Jon Christensen, Palle Jakobsen, Carsten Uhd Nielsen, Bente Steffansen, Mikael Begtrup**
- Chiral Platinum(II) Metallointercalators with Potent in vitro Cytotoxic Activity *Dianne M. Fisher, Patrick J. Bednarski, Renate Grünert, Peter Turner, Ronald R. Fenton,* Janice R. Aldrich-Wright**
- Cyclopenta[d]pyrimidines and Dihydropyrrolo[2,3-d]pyrimidines as Potent and Selective Corticotropin-Releasing Factor 1 Receptor Antagonists *Roberto Arban, Roberto Benedetti, Giorgio Bonanomi, Anna-Maria Capelli, Emiliano Castiglioni, Stefania Contini, Fabio Degiorgis, Pina Di Felice, Daniele Donati, Elettra Fazzolari, Gabriella Gentile, Chiara Marchionni, Carla Marchioro, Flavia Messina, Fabrizio Micheli, Beatrice Oliosi, Francesca Pavone, Alessandra Pasquarello, Benedetta Perini, Marilisa Rinaldi, Fabio M. Sabbatini, Giovanni Vitulli, Paola Zarantonello, Romano Di Fabio,* Yves St-Denis**
- The Novel Antimalarial Compound Dioncophylline C Forms a Complex with Heme in Solution *Kai F. Schwedhelm, Martin Horstmann, Johan H. Faber, Yana Reichert, Gerhard Bringmann, Cornelius Faber**
- A Glucose Derivative As Natural Alternative to the Cyclohexane-1,2-diamine Ligand in the Anticancer Drug Oxaliplatin? *Isabella Berger, Alexey A. Nazarov,* Christian G. Hartinger, Michael Groessel, Seied-M. Valiahdi, Michael A. Jakupec, Bernhard K. Keppler**
- Cis-Stilbene-Derived Furopyranones Show Potent Antiproliferative Activity by Inducing G2/M Arrest *Cyril A. Fuhrer, Eric Grüter, Stephan Ruetz, Robert Häner**
- Virtual Screening Leads to the Discovery of an Effective Antagonist of Lymphocyte Function-Associated Antigen-1 *Miyuki Shoda, Takeo Harada, Kazuo Yano, Florence L. Stahura, Takeshi Himeno, Satoshi Shiojiri, Yuji Kogami, Hiroyuki Kouji, Jürgen Bajorath**

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