

10/2006

## MINIREVIEWS

Lipoxidation-Derived Reactive Carbonyl Species as Potential Drug Targets in Preventing Protein Carbonylation and Related Cellular Dysfunction

*Giancarlo Aldini, Isabella Dalle-Donne, Roberto Colombo, Roberto Maffei Facino, Aldo Milzani, Marina Carini\**

## ORIGINAL CONTRIBUTIONS

Synthesis and Biological Evaluation of Bicyclic Nucleosides as Inhibitors of *M. tuberculosis* Thymidylate Kinase

*Ineke Van Daele, Hélène Munier-Lehmann, Pieter M. S. Hendrickx, Gilles Marchal, Pierre Chavarot, Matheus Froeyen, Li Qing, José C. Martins, Serge Van Calenbergh\**

Synthesis, Structure, and In Vitro Antitumor Activity of Some Glycoside Derivatives of Ferrocenyl-Chalcones And Ferrocenyl-Pyrazolines

*Virág Zsoldos-Mády, Antal Csámpai, Rita Szabó, Erika Mészáros-Alapi, Judit Pásztor, Ferenc Hudecz, Pál Sohár\**

Aziridide-Based Inhibitors of Cathepsin L: Synthesis, Inhibition Activity, and Docking Studies

*Radim Vicik, Matthias Busemann, Christoph Gelhaus, Nikolaus Stiefl, Josef Scheiber, Werner Schmitz, Franziska Schulz, Milena Mladenovic, Bernd Engels, Matthias Leippe, Knut Baumann, Tanja Schirmeister\**

Activatable Fluorescent Probes for Tumour-Targeting Imaging in Live Mice

*Jesus Razkin, Véronique Josserand, Didier Boturyn,\* Zhao-hui Jin, Pascal Dumy,\* Marie Favrot, Jean-Luc Coll, Isabelle Texier\**

Structure-Activity Relationship Studies of 3-Aroylindoles as Potent Antimitotic Agents

*Jing-Ping Liou, Neeraj Mahindroo, Chun-Wei Chang, Fu-Ming Guo, Sandy Wen-Hsing Lee, Uan-Kang Tan, Teng-Kuang Yeh, Ching-Chuan Kuo, Yi-Wei Chang, Ping-Hsun Lu, Yen-Shih Tung, Ke-Ta Lin, Jang-Yang Chang,\* Hsing-Pang Hsieh\**

Towards the Development of Mixed MT<sub>1</sub>-Agonist/MT<sub>2</sub>-Antagonist Melatonin Receptor Ligands

*Gilberto Spadoni, Annalida Bedini,\* Tomaso Guidi, Giorgio Tarzia, Valeria Lucini, Marilou Pannacci, Franco Fraschini*

6-Alkylthio-4-[1-(2,6-difluorophenyl)alkyl]-1H-[1,3,5]triazin-2-ones (ADATs): Novel Regulators of Cell Differentiation and Proliferation

*Gianluca Sbardella, Sara Bartolini, Sabrina Castellano, Marino Artico, Nicola Paesano, Dante Rotili, Corrado Spadafora, Antonello Mai\**

Optimized Synthesis of AMPA Receptor Antagonist ZK187638 and Neurobehavioral Activity in a Mouse Model of Neuronal Ceroid Lipofuscinosis

*Bernd Elger,\* Matthias Schneider, Eric Winter, Lucia Carvelli, Marco Bonomi, Claudia Fracasso, Giovanna Guiso, Milena Colovic, Silvio Caccia, Tiziana Mennini*

Predicting Compound Selectivity by Self-Organizing Maps: Cross-Activities of Metabotropic Glutamate Receptor Antagonists

*Tobias Noeske, Britta C. Sasse, Holger Stark, Christopher G. Parsons, Tanja Weil, Gisbert Schneider\**

Chemoenzymatic Synthesis and Antimicrobial and Haemolytic Activities of Amphiphilic Bis(phenylacetylarginine) Derivatives

*José A. Castillo, M. Rosa Infante, Àngels Manresa, M. Pilar Vinardell, Montserrat Mitjans, Pere Clapés\**

Investigating Carboxylic Acid Analogues of Ambruticin through Semi-Synthesis

*Yuan Xu, Zhan Wang, Zong-Qiang Tian, Yong Li, Simon J. Shaw\**

2-Anilinobenzamides as SIRT Inhibitors

*Takayoshi Suzuki,\* Keiko Imai, Hidehiko Nakagawa, Naoki Miyata\**

Don't risk missing out! Subscribe to *ChemMedChem*. Contact [service@wiley.vch.de](mailto:service@wiley.vch.de)