

COMMUNICATIONS

Design, Synthesis, and Biological Evaluation of Levoglucosenone-Derived Ras Activation Inhibitors

C. Müller, M. A. Gomez-Zurita Frau, D. Ballinari, S. Colombo, A. Bitto, E. Martegani, C. Airoidi, A. S. van Neuren, M. Stein, J. Weiser, C. Battistini,* F. Peri*

Synthesis, SAR and Unanticipated Pharmacological Profiles of Analogues of the mGluR5 Ago-potentiator ADX-47273

D. W. Engers, A. L. Rodriguez, R. Williams, A. S. Hammond, D. Venable, O. Oluwatola, G. A. Sulikowski, P. J. Conn, C. W. Lindsley*

Inhibition of Peroxidase-Catalyzed Iodination by Cephalosporins: Metallo- β -Lactamase-Induced Antithyroid Activity of Antibiotics

A. Tamilselvi, G. Mugesh*

FULL PAPERS

Development and Characterization of Peptidic Fusion Inhibitors Derived from HIV-1 gp41 with Partial D-Amino Acid Substitutions

F. Gaston, G. C. Granados, S. Madurga, F. Rabanal, F. Lakhdar-Ghazal, E. Giralt, E. Bahraoui*

Induction of a Melanoma-Specific Antibody Response by a Monovalent, but not a Divalent, Synthetic GM2 Neoglycopeptide

S. Bay,* S. Fort, L. Birikaki, C. Ganneau, E. Samain, Y.-M. Coïc, F. Bonhomme, E. Dériaud, C. Leclerc, R. Lo-Man*

Cyclic RGD-Containing Functionalized Azabicycloalkane Peptides as Potent Integrin Antagonists for Tumor Targeting

L. Manzoni,* L. Belvisi,* D. Arosio, M. Civera, M. Pilkington-Miksa, D. Potenza, A. Caprini, E. M. V. Araldi, E. Monferini, M. Mancino, F. Podestà, C. Scolastico

Development of Novel Thiazolopyrimidines as CDC25B Phosphatase Inhibitors

S. Kolb, O. Mondésert, M.-L. Goddard, D. Jullien, B. O. Villoutreix, B. Ducommun, C. Garbay, E. Braud*

Structure–Activity Relationships and Binding Mode in the Human Acetylcholinesterase Active Site of Pseudo-Irreversible Inhibitors Related to Xanthostigmine

S. Rizzo, A. Cavalli,* L. Ceccarini, M. Bartolini, F. Belluti, A. Bisi, V. Andrisano, M. Recanatini, A. Rampa*

CypScore: Quantitative Prediction of Reactivity toward Cytochromes P450 Based on Semiempirical Molecular Orbital Theory

M. Hennemann, A. Friedl, M. Lobell, J. Keldenich, A. Hillisch, T. Clark,* A. H. Göller*

Glycopeptide Dendrimers with High Affinity for the Fucose-Binding Lectin LecB from *Pseudomonas aeruginosa*

E. Kolomiets, M. A. Swiderska, R. U. Kadam, E. M. V. Johansson, K.-E. Jaeger, T. Darbre,* J.-L. Reymond*

Replacement of the 4'-Hydroxy Group of Amodiaquine and Amopyroquine by Aromatic and Aliphatic Substituents: Synthesis and Antimalarial Activity

E. Păunescu, S. Susplugas, E. Boll, R. Varga, E. Mouray, I. Grosu, P. Grellier, P. Melnyk*

A Click Approach to Structurally Diverse Conjugates Containing a Central Di-1,2,3-triazole Metal Chelate

T. L. Mindt,* C. Schweinsberg, L. Brans, A. Hagenbach, U. Abram, D. Tourwé, E. Garcia-Garayoa, R. Schibli

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