



European Journal of Medicinal Chemistry Vol 105, 2015

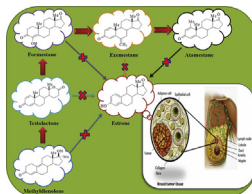
Graphical abstracts

REVIEW ARTICLE

Developing steroidal aromatase inhibitors-an effective armament to win the battle against breast cancer

pp. 1–38

Mange Ram Yadav*, Mahesh A. Barmade, Riyaj S. Tamboli and Prashant R. Murumkar

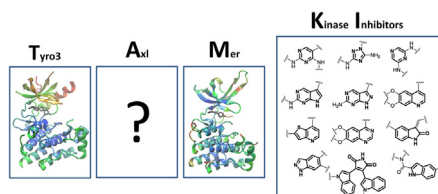


MINI-REVIEW

State-of-the-art of small molecule inhibitors of the TAM family: The point of view of the chemist

pp. 220–237

Tom Baladi, Valentina Abet and Sandrine Piguel*

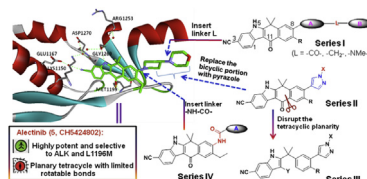


ORIGINAL ARTICLES

Novel tetracyclic benzo[b]carbazolones as highly potent and orally bioavailable ALK inhibitors: Design, synthesis, and structure–activity relationship study

pp. 39–56

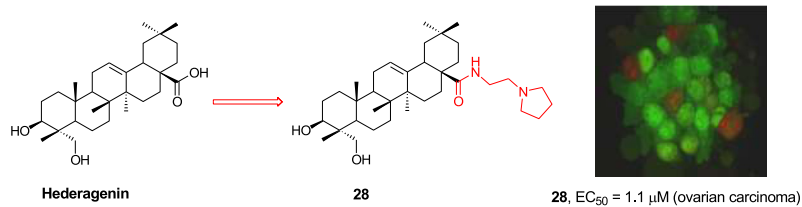
Xiaolong Jiang, Ji Zhou, Jing Ai**, Zilan Song, Xia Peng, Li Xing, Yong Xi, Junfeng Guo, Qizheng Yao****, Jian Ding, Meiyu Geng** and Ao Zhang*



Hederagenin as a triterpene template for the development of new antitumor compounds

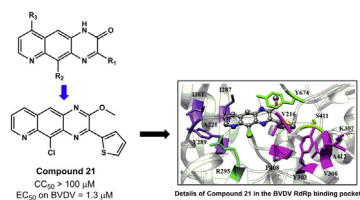
pp. 57–62

Diego Rodríguez-Hernández, Antonio J. Demuner, Luiz C.A. Barbosa*, René Csuk** and Lucie Heller

**Synthesis, cytotoxicity and antiviral evaluation of new series of imidazo[4,5-g]quinoline and pyrido[2,3-g]quinoxalinone derivatives**

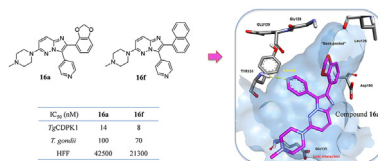
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Irene Briguglio, Roberta Loddo**, Erik Laurini, Maurizio Fermeglia, Sandra Piras, Paola Corona, Paolo Giunchedi, Elisabetta Gavini, Giuseppina Sanna, Gabriele Giliberti, Cristina Ibba, Pamela Farci, Paolo La Colla, Sabrina Pricl and Antonio Carta*

**Development of new highly potent imidazo[1,2-b]pyridazines targeting *Toxoplasma gondii* calcium-dependent protein kinase 1**

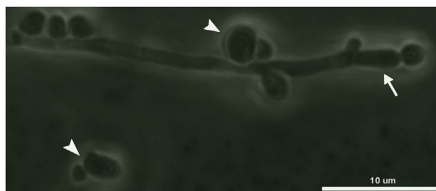
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Espérance Moine, Isabelle Dimier-Poisson, Cécile Enguehard-Gueffier, Cédric Logé, Mélanie Pénichon, Nathalie Moiré, Claire Delehouzé, Béatrice Foll-Josselin, Sandrine Ruchaud, Stéphane Bach, Alain Gueffier, Françoise Debierre-Grockiego and Caroline Denevault-Sabourin*

**Design and studies of multiple mechanism of anti-*Candida* activity of a new potent Trp-rich peptide dendrimers**

pp. 106–119

Paulina Zielińska, Monika Staniszewska**, Małgorzata Bondaryk, Mirosława Koronkiewicz and Zofia Urbańczyk-Lipkowska*



Candida albicans exposed to peptide dendrimer **14** at MIC concentration of 16 μg/mL. The cell wall staining with calcofluor white revealed that blastoconidial cells (arrowheads) and hyphae (arrow) were swollen and abnormally elongated.

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