

European Journal of Medicinal Chemistry Vol 135, 2017

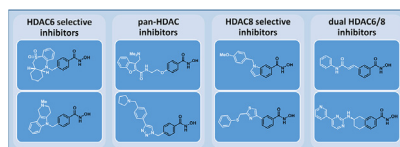
Graphical abstracts

REVIEW ARTICLES

Synthesis and applications of benzohydroxamic acid-based histone deacetylase inhibitors

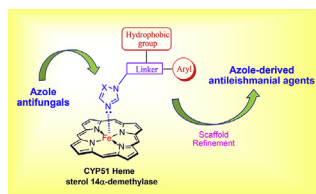
pp. 174–195

Rob De Vreese and Matthias D'hooghe*

**An overview of azoles targeting sterol 14 α -demethylase for antileishmanial therapy**

pp. 241–259

Saeed Emami*, Pegah Tavangar and Masoud Keighobadi

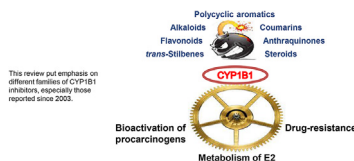


This review describes the current aspects of sterol biochemical pathway in *Leishmania* parasites and the importance of azoles for targeting of sterol 14 α -demethylase in the field of antileishmanial therapy.

Inhibitors of cytochrome P450 (CYP) 1B1

pp. 296–306

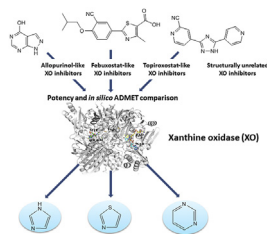
Raphaël Dutour and Donald Poirier*



Xanthine oxidase inhibitors beyond allopurinol and febuxostat; an overview and selection of potential leads based on *in silico* calculated physico-chemical properties, predicted pharmacokinetics and toxicity

pp. 491–516

Andrija Šmelcerović, Katarina Tomović, Žaklina Šmelcerović, Živomir Petronijević, Gordana Kocić, Tihomir Tomašić, Žiga Jakopin and Marko Anderluh*

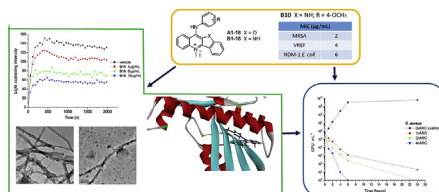


ORIGINAL ARTICLES

Antibacterial activity of *N*-methylbenzofuro[3,2-*b*]quinoline and *N*-methylbenzoindolo[3,2-*b*]quinoline derivatives and study of their mode of action

pp. 1–11

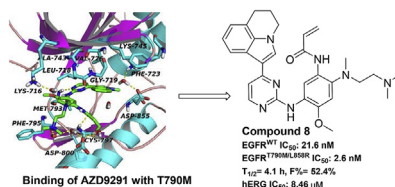
Ning Sun, Ruo-Lan Du, Yuan-Yuan Zheng, Bao-Hua Huang*, Qi Guo, Rui-Fang Zhang, Kwok-Yin Wong and Yu-Jing Lu**



Design, synthesis, SAR discussion, *in vitro* and *in vivo* evaluation of novel selective EGFR modulator to inhibit L858R/T790M double mutants

pp. 12–23

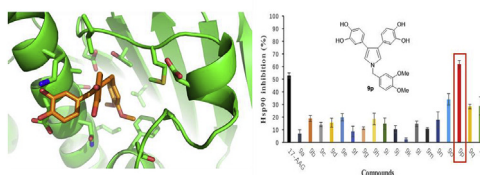
Haoyang Zhang, Wenkui Wu, Chao Feng, Zhaogang Liu, Enhe Bai, Xueyuan Wang, Meng Lei, Hao Cheng, Huayun Feng, Jingmiao Shi, Jia Wang, Zhao Zhang, Tao Jin, Shanshan Chen, Shihe Hu** and Yongqiang Zhu*



Design and synthesis of neolamellarin a derivatives targeting heat shock protein 90

pp. 24–33

Long Jiang, Ruijuan Yin, Xueting Wang, Jiajia Dai, Jing Li, Tao Jiang* and Rilei Yu**



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