

Bioorganic & Medicinal Chemistry Volume 22, Issue 1, 2014

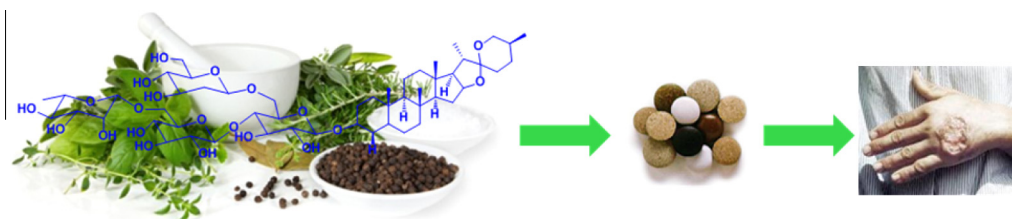
Contents

REVIEWS

Natural product based leads to fight against leishmaniasis

pp 18–45

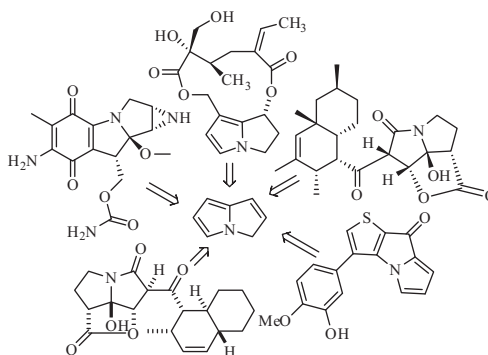
Nisha Singh, Bhuwan B. Mishra, Surabhi Bajpai, Rakesh K. Singh*, Vinod K. Tiwari*



Pyrrolizines: Promising scaffolds for anticancer drugs

pp 46–53

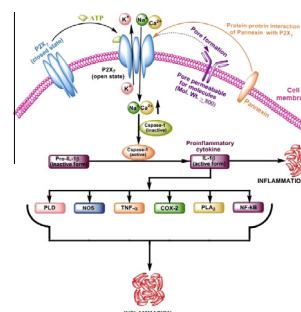
Amany Belal, Bahaa El-Dien M. El-Gendy*



Purinergic receptor P2X₇: A novel target for anti-inflammatory therapy

pp 54–88

Nisha Mehta, Maninder Kaur, Manjinder Singh, Sukhvinder Chand, Bhawna Vyas, Pragati Silakari, Malkeet Singh Bahia, Om Silakari*



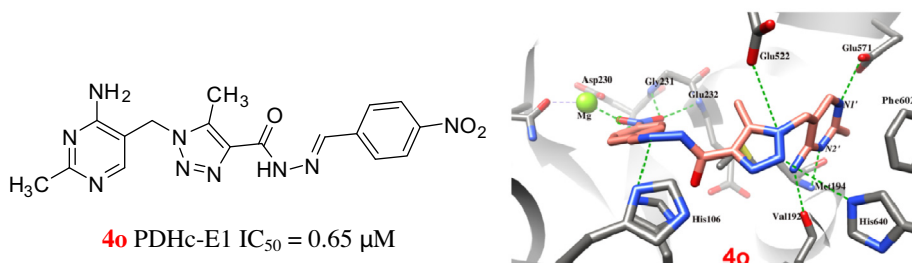
P2X₇, a ligand gated ion channel plays an important role in IL-1 β release and its antagonism play beneficial role in management of many inflammatory and autoimmune disease conditions like rheumatoid arthritis etc.

ARTICLES

Design, synthesis and molecular modeling of novel *N*-acylhydrazone derivatives as pyruvate dehydrogenase complex E1 inhibitors

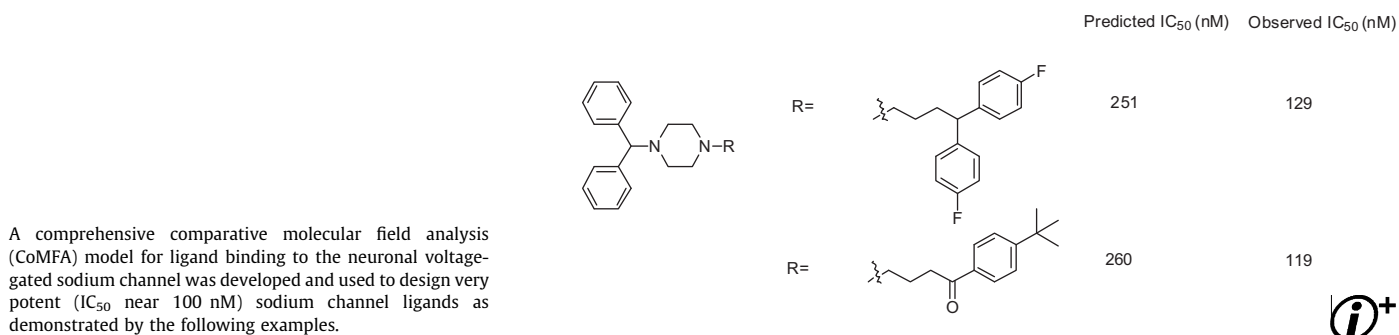
pp 89–94

Jun-Bo He, Ling-Ling Feng, Jing Li, Rui-Juan Tao, Yan-Liang Ren, Jian Wan*, Hong-Wu He*

**A highly predictive 3D-QSAR model for binding to the voltage-gated sodium channel: Design of potent new ligands**

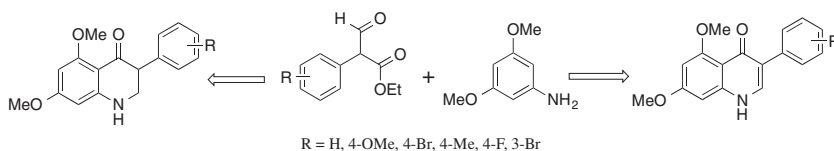
pp 95–104

Congxiang Zha, George B. Brown, Wayne J. Brouillette*

**Synthesis and anticancer evaluation of 3-substituted quinolin-4-ones and 2,3-dihydroquinolin-4-ones**

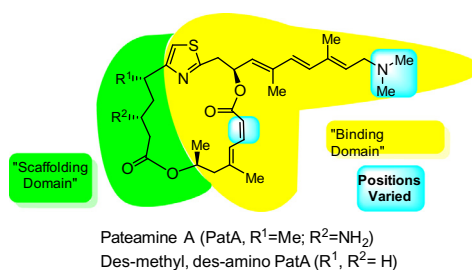
pp 105–115

Santosh Rajput, Christopher R. Gardner, Timothy W. Failes, Greg M. Arndt, David StC. Black, Naresh Kumar*

**Second-generation derivatives of the eukaryotic translation initiation inhibitor pateamine A targeting eIF4A as potential anticancer agents**

pp 116–125

Woon-Kai Low*, Jing Li, Mingzhao Zhu, Sai Shilpa Kommaraju, Janki Shah-Mittal, Ken Hull, Jun O. Liu, Daniel Romo*



Download English Version:

<https://daneshyari.com/en/article/10584212>

Download Persian Version:

<https://daneshyari.com/article/10584212>

[Daneshyari.com](https://daneshyari.com)