



European Journal of Medicinal Chemistry Vol 124, 2016

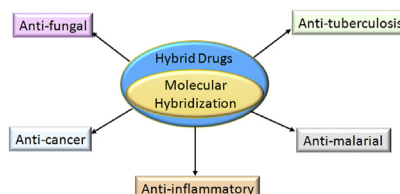
Graphical abstracts

REVIEW ARTICLES

Hybrid molecules: The privileged scaffolds for various pharmaceuticals

pp. 500–536

Shaveta, Sahil Mishra and Palwinder Singh*



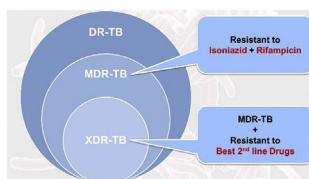
The drugs obtained by the combination of structural features of different molecules are proving to be more efficacious and safe in comparison to their individual counterparts.

MINI-REVIEW

***Mycobacterium Tuberculosis* (MTB) GyrB inhibitors: An attractive approach for developing novel drugs against TB**

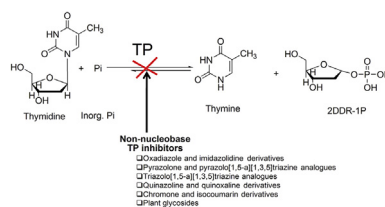
pp. 160–185

Kavita Chaudhari, Sanjay Surana, Pritam Jain* and Harun M. Patel**

**Recent discovery of non-nucleobase thymidine phosphorylase inhibitors targeting cancer**

pp. 992–1003

Hriday Bera* and Sridevi Chigurupati

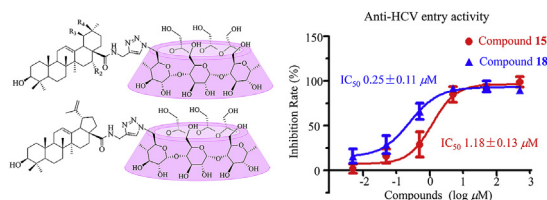


ORIGINAL ARTICLES

Synthesis and biological evaluation of novel pentacyclic triterpene α -cyclodextrin conjugates as HCV entry inhibitors

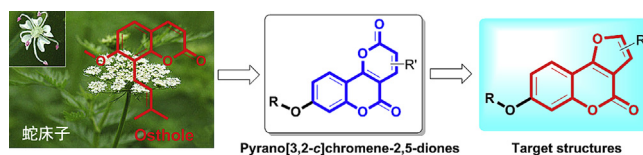
pp. 1–9

Sulong Xiao*, Qi Wang, Longlong Si, Xiaoshu Zhou, Yongmin Zhang, Lihe Zhang and Demin Zhou**

**Microwave-assisted synthesis and antifungal activity of novel fused Osthole derivatives**

pp. 10–16

Ming-Zhi Zhang, Rong-Rong Zhang, Jia-Qun Wang, Xiang Yu, Ya-Ling Zhang, Qing-Qing Wang and Wei-Hua Zhang*

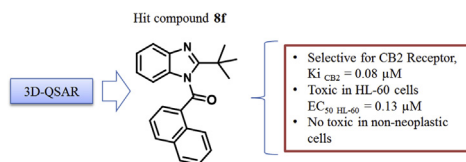


A series of novel furo[3,2-c]coumarins as fused Osthole derivatives were designed and synthesized through an optimized microwave-assisted protocol. Some target compounds exhibited potential activity in antifungal screening, and **6c** was identified as the most promising candidate with better antifungal activity than Azoxystrobin.

Synthesis, binding assays, cytotoxic activity and docking studies of benzimidazole and benzothiophene derivatives with selective affinity for the CB2 cannabinoid receptor

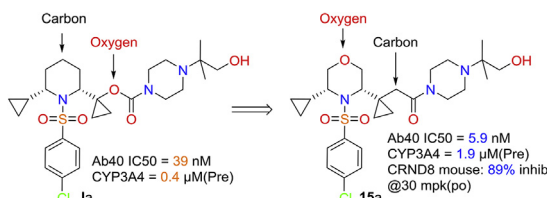
pp. 17–35

Javier Romero-Parra, Jaime Mella-Raipán, Vittoria Palmieri, Marco Allarà, Maria Jose Torres, Hernán Pessoa-Mahana, Patricio Iturriaga-Vásquez, Rossy Escobar, Mario Faúndez, Vincenzo Di Marzo and C. David Pessoa-Mahana*

**Substituted 4-morpholine *N*-arylsulfonamides as γ -secretase inhibitors**

pp. 36–48

Zhiqiang Zhao*, Dmitri A. Pissarnitski, Hubert B. Josien, Thomas A. Bara, John W. Clader, Hongmei Li, Mark D. McBriar, Murali Rajagopalan, Ruoxu Xu, Giuseppe Terracina, Lynn Hyde, Lixin Song, Lili Zhang, Eric M. Parker, Rebecca Osterman and Alexei V. Buevich



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