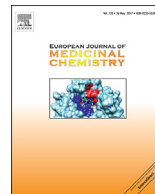




Contents lists available at ScienceDirect

## European Journal of Medicinal Chemistry

journal homepage: <http://www.elsevier.com/locate/ejmech>

## European Journal of Medicinal Chemistry Vol 132, 2017

## Graphical abstracts

## REVIEW ARTICLES

**Recent synthetic and medicinal perspectives of dihydropyrimidinones: A review**

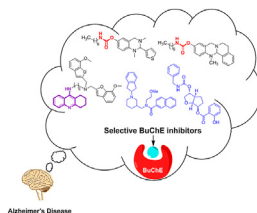
pp. 108–134

Ramandeep Kaur, Sandeep Chaudhary, Kapil Kumar, Manish K. Gupta and Ravindra K. Rawal\*

**Recent progress in the identification of selective butyrylcholinesterase inhibitors for Alzheimer's disease**

pp. 294–309

Qi Li, Hongyu Yang, Yao Chen and Haopeng Sun\*

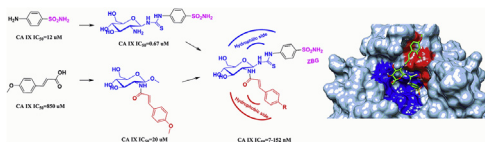


## ORIGINAL ARTICLES

**Dual-tail approach to discovery of novel carbonic anhydrase IX inhibitors by simultaneously matching the hydrophobic and hydrophilic halves of the active site**

pp. 1–10

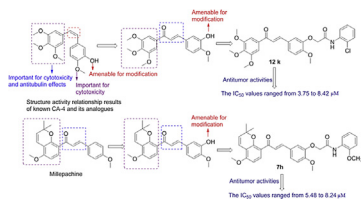
Zhuang Hou, Bin Lin, Yu Bao, Hai-ning Yan, Miao Zhang, Xiao-wei Chang, Xin-xin Zhang, Zi-jie Wang, Gao-fei Wei, Mao-sheng Cheng, Yang Liu\* and Chun Guo\*\*



**Synthesis and biological evaluation of novel chalcone derivatives as a new class of microtubule destabilizing agents**

pp. 11–25

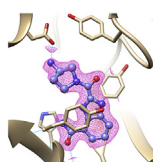
Xiaochao Huang, Rizhen Huang, Lingxue Li, Shaohua Gou\* and Hengshan Wang\*\*



**Discovery of 2-substituted 1H-benzo[d]imidazole-4-carboxamide derivatives as novel poly(ADP-ribose) polymerase-1 inhibitors with in vivo anti-tumor activity**

pp. 26–41

Jie Zhou, Ming Ji, Zhixiang Zhu, Ran Cao, Xiaoguang Chen\*\* and Bailing Xu\*

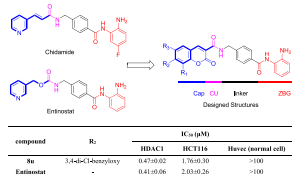


Novel 1H-benzo[d]imidazole-4-carboxamide derivatives bearing five-membered or six-membered N-heterocyclic moieties at the 2-position were synthesized and evaluated as PARP-1 inhibitors.

**Design, synthesis and biological evaluation of novel coumarin-based benzamides as potent histone deacetylase inhibitors and anticancer agents**

pp. 42–62

Tooba Abdizadeh, Mohammad Reza Kalani, Khalil Abnous, Zahra Tayarani-Najaran, Bibi Zahra Khashyarmansh, Rahman Abdizadeh, Raziieh Ghodsi\*\* and Farzin Hadizadeh\*

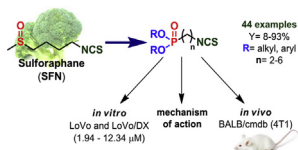


A novel series of coumarin-based benzamides was designed and synthesized as HDAC inhibitors. Compound **8u** showed potent anti-proliferative activity and HDAC1 inhibitory activity near equal to the reference drug Entinostat.

**Novel phosphonate analogs of sulforaphane: Synthesis, in vitro and in vivo anticancer activity**

pp. 63–80

Mateusz Psurski, Łukasz Janczewski, Marta Świtalska, Anna Gajda, Tomasz M. Goszczyński, Józef Oleksyszyn, Joanna Wietrzyk\* and Tadeusz Gajda\*\*



Download English Version:

<https://daneshyari.com/en/article/5158310>

Download Persian Version:

<https://daneshyari.com/article/5158310>

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