



## European Journal of Medicinal Chemistry Vol 133, 2017

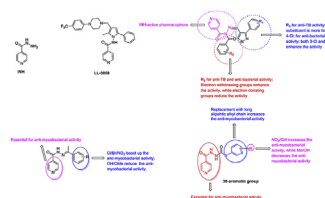
## Graphical abstracts

## REVIEW ARTICLES

**Isoniazid derivatives and their anti-tubercular activity**

pp. 255–267

Yuan-Qiang Hu, Shu Zhang, Feng Zhao, Chuan Gao, Lian-Shun Feng, Zao-Sheng Lv, Zhi Xu\* and Xiang Wu\*\*

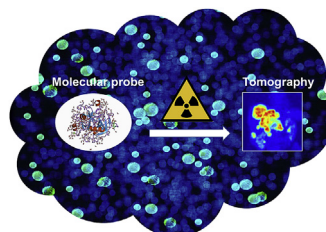


This review aims to summarize the recent advances made towards the discovery anti-TB agents holding **INH** as a nucleus including **INH** hybrids and **INH** hydrazide-hydrazone derivatives.

**Synthetic approaches to radiochemical probes for imaging of bacterial infections**

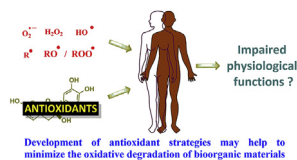
pp. 287–308

Jyotibon Dutta, Tricia Naicker, Thomas Ebenhan, Hendrik G. Kruger, Per I. Arvidsson and Thavendran Govender\*

**Free radicals and polyphenols: The redox chemistry of neurodegenerative diseases**

pp. 379–402

Sonia Losada-Barreiro and Carlos Bravo-Díaz\*

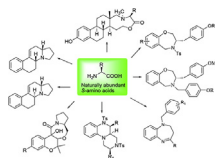


## MINI-REVIEW

### Quest for steroidomimetics: Amino acids derived steroidal and nonsteroidal architectures

Shagufta\*\*, Irshad Ahmad and Gautam Panda\*

pp. 139–151

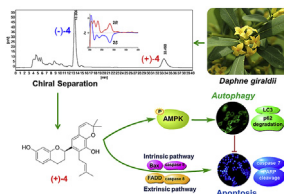


## ORIGINAL ARTICLES

### Autophagy antagonizes apoptosis induced by flavan enantiomers from *Daphne giraldii* in hepatic carcinoma cells *in vitro*

pp. 1–10

Qian Sun, Guo-Dong Yao, Xiao-Yu Song, Xiao-Li Qi, Yu-Fei Xi, Ling-Zhi Li, Xiao-Xiao Huang\* and Shao-Jiang Song\*\*



### Design, synthesis and biological evaluation of quinoline derivatives as HDAC class I inhibitors

pp. 11–23

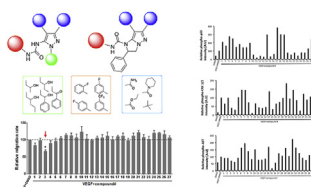
Chen Chen, Xuben Hou, Guohua Wang, Wenyan Pan, Xinying Yang, Yingkai Zhang and Hao Fang\*

Cpd.	R <sub>1</sub>	R <sub>2</sub>	IC <sub>50</sub>		
			HDAC1 (nM)	HDAC8 (nM)	K562 (μM)
<b>4a</b>	H	6-H	72.5 ± 0.5	442 ± 72	0.51 ± 0.01
<b>4c</b>	H	6-Cl	95 ± 1.0	911 ± 32	0.36 ± 0.02
Vorinostat			106 ± 0.0	7469 ± 560	1.95 ± 0.26

### Design, synthesis and biological evaluation of new pyrazolyl-ureas and imidazopyrazolecarboxamides able to interfere with MAPK and PI3K upstream signaling involved in the angiogenesis

pp. 24–35

Elda Meta, Chiara Brullo\*, Adama Sidibe, Beat A. Imhof and Olga Bruno



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