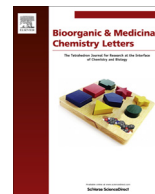




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Bioorganic & Medicinal Chemistry Letters Volume 23, Issue 13, 2013

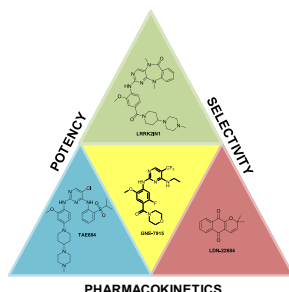
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BMCL DIGEST

The development of CNS-active LRRK2 inhibitors using property-directed optimisation

pp 3690–3696

Madeline E. Kavanagh, Munikumar Reddy Doddareddy, Michael Kassiou*

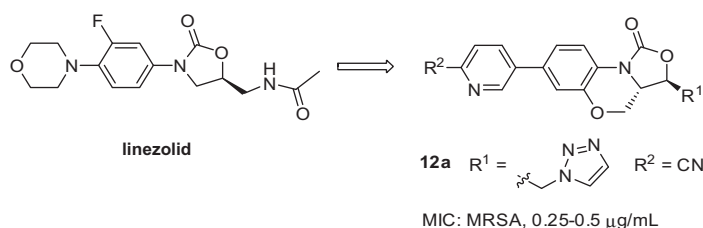


REGULAR ARTICLES

Synthesis and biological evaluation of novel benzoxazinyl-oxazolidinones as potential antibacterial agents

pp 3697–3699

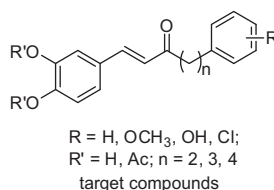
Bin Guo, Houxing Fan, Qisheng Xin, Wenjing Chu, Hui Wang, Yushe Yang*



Synthesis and neuroprotective effect of *E*-3,4-dihydroxy styryl aralkyl ketones derivatives against oxidative stress and inflammation

pp 3700–3703

Xianling Ning, Ying Guo, Xiaoyan Ma, Renzong Zhu, Chao Tian, Xiaowei Wang, Zhizhong Ma, Zhili Zhang*, Junyi Liu*



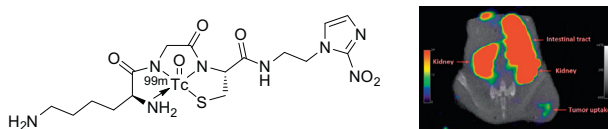
A series of neuroprotective agent, *E*-3,4-dihydroxy styryl aralkyl ketones, was synthesized and their biological activities were evaluated by three models in vitro. The results showed that target compounds had multifunctional neuroprotective effects against oxidative stress and inflammation.



Synthesis and biological evaluation of a novel ^{99m}Tc labeled 2-nitroimidazole derivative as a potential agent for imaging tumor hypoxia

pp 3704–3708

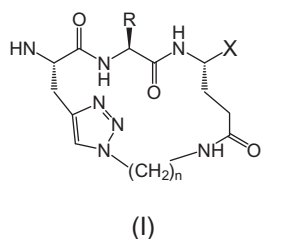
Yoann Joyard, Vadim Le Joncour, Hélène Castel, Chérif Bounana Diouf, Laurent Bischoff, Cyril Papamicaël*, Vincent Levacher, Pierre Vera, Pierre Bohn*



Macrocyclic inhibitors of 3C and 3C-like proteases of picornavirus, norovirus, and coronavirus

pp 3709–3712

Sivakoteswara Rao Mandadapu, Pathum M. Weerawarna, Allan M. Prior, Roxanne Adeline Z. Uy, Sridhar Aravapalli, Kevin R. Alliston, Gerald H. Lushington, Yunjeong Kim, Duy H. Hua, Kyeong-Ok Chang, William C. Groutas*



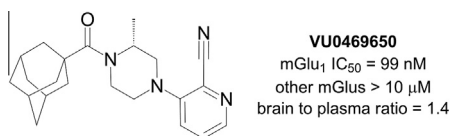
The design, synthesis, and in vitro inhibitory activity of the first series of macrocyclic inhibitors of 3C and 3C-like proteases of picornavirus, norovirus, and coronavirus, are reported.

(R=isobutyl, $n=3$, X=CHO)

N-Acyl-N'-aryl piperazines as negative allosteric modulators of mGlu_1 : Identification of VU0469650, a potent and selective tool compound with CNS exposure in rats

pp 3713–3718

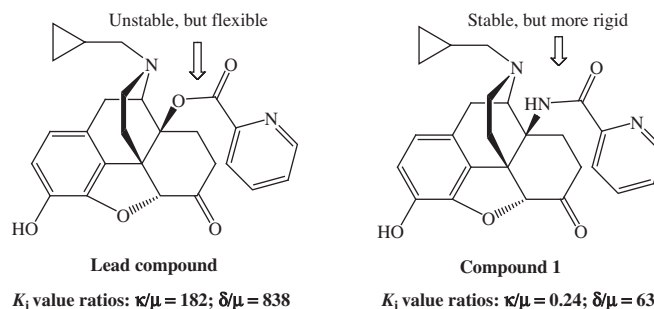
Kimberly M. Lovell, Andrew S. Felts, Alice L. Rodriguez, Daryl F. Venable, Hyekyung P. Cho, Ryan D. Morrison, Frank W. Byers, J. Scott Daniels, Colleen M. Niswender, P. Jeffrey Conn, Craig W. Lindsley, Kyle A. Emmitte*



Opioid receptor selectivity profile change via isosterism for 14-O-substituted naltrexone derivatives

pp 3719–3722

Yan Zhang*, Orgil Elbegdorj, Yunyun Yuan, Irina O. Beletskaya, Dana E. Selley



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