Accepted Manuscript

Design, synthesis and biological evaluation of LX2343 derivatives as neuroprotective agents for the treatment of Alzheimer's disease

Guanglong Sun, Junwei Wang, Xiaodan Guo, Min Lei, Yinan Zhang, Xiachang Wang, Xu Shen, Lihong Hu

PII: S0223-5234(17)31111-X

DOI: 10.1016/j.ejmech.2017.12.080

Reference: EJMECH 10058

To appear in: *European Journal of Medicinal Chemistry*

Received Date: 5 November 2017

Revised Date: 12 December 2017

Accepted Date: 23 December 2017

Please cite this article as: G. Sun, J. Wang, X. Guo, M. Lei, Y. Zhang, X. Wang, X. Shen, L. Hu, Design, synthesis and biological evaluation of LX2343 derivatives as neuroprotective agents for the treatment of Alzheimer's disease, *European Journal of Medicinal Chemistry* (2018), doi: 10.1016/j.ejmech.2017.12.080.

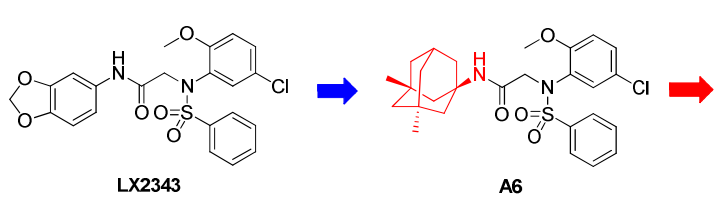
Graphical Abstract

To create your abstract, type over the instructions in the template box below.
Fonts or abstract dimensions should not be changed or altered.

Design, synthesis and biological evaluation of LX2343 derivatives as neuroprotective agents for the treatment of Alzheimer's disease

Leave this area blank for abstract info.

Guanglong Sun[1,2,#], Junwei Wang[1,#], Xiaodan Guo[2], Min Lei[2], Yinan Zhang[1], Xiachang Wang[1], Xu Shen[1,*], Lihong Hu[1,2,*]



EC_{50}: 15.8 μM

EC_{50}: 0.22 μM