Accepted Manuscript

Tricyclic pyrazolo[1,5-*d*][1,4]benzoxazepin-5(6H)-one scaffold derivatives: Synthesis and biological evaluation as selective BuChE inhibitors

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PII: S0223-5234(18)30124-7

DOI: 10.1016/j.ejmech.2018.02.002

Reference: EJMECH 10179

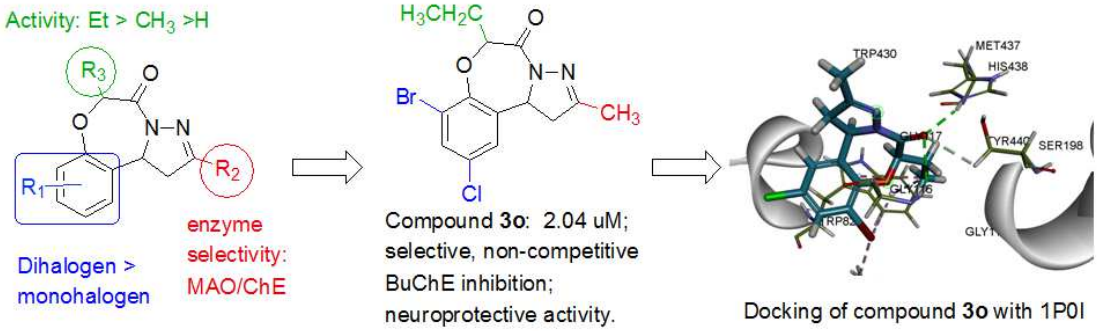
To appear in: *European Journal of Medicinal Chemistry*

Received Date: 5 October 2017

Revised Date: 30 January 2018

Accepted Date: 2 February 2018

Please cite this article as: S.-C. Chen, G.-L. Qiu, B. Li, J.-B. Shi, X.-H. Liu, W.-J. Tang, Tricyclic pyrazolo[1,5-*d*][1,4]benzoxazepin-5(6H)-one scaffold derivatives: Synthesis and biological evaluation as selective BuChE inhibitors, *European Journal of Medicinal Chemistry* (2018), doi: 10.1016/j.ejmech.2018.02.002.



Novel tricyclic scaffolds were discovered as selective BuChE inhibitors. Compounds **3f** and **3o** with dihalogen and a 6-ethyl substituent exhibited the most potent activity. Compound **3o** showed remarkable neuroprotective activity.