

Accepted Manuscript

Design, synthesis and biological evaluation of dual acetylcholinesterase and phosphodiesterase 5A inhibitors in treatment for Alzheimer's disease

Yao Zhu, Li-yun Zhou, Yu-ren Jiang, Xiong-jie Zhao, Dong Guo

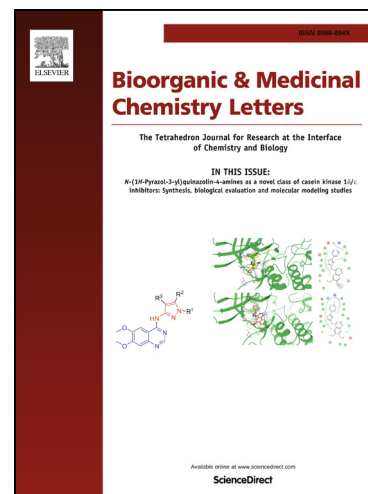
PII: S0960-894X(17)30706-0
DOI: <http://dx.doi.org/10.1016/j.bmcl.2017.07.013>
Reference: BMCL 25126

To appear in: *Bioorganic & Medicinal Chemistry Letters*

Received Date: 23 April 2017
Revised Date: 1 July 2017
Accepted Date: 3 July 2017

Please cite this article as: Zhu, Y., Zhou, L-y., Jiang, Y-r., Zhao, X-j., Guo, D., Design, synthesis and biological evaluation of dual acetylcholinesterase and phosphodiesterase 5A inhibitors in treatment for Alzheimer's disease, *Bioorganic & Medicinal Chemistry Letters* (2017), doi: <http://dx.doi.org/10.1016/j.bmcl.2017.07.013>

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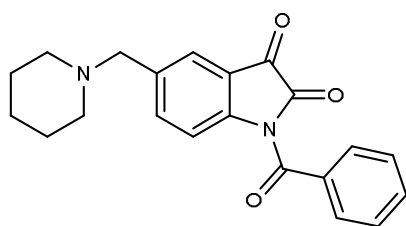
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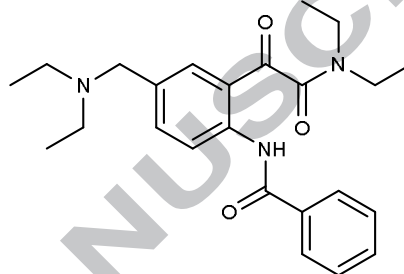
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AChE $IC_{50} = 79.43 \text{ nM}$
PDE5A $IC_{50} = 50.00 \mu\text{M}$



AChE $IC_{50} = 44.67 \text{ nM}$
PDE5A $IC_{50} = 157.51 \mu\text{M}$

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