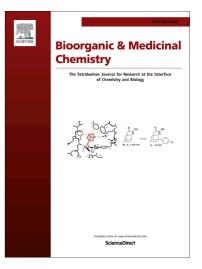
## Accepted Manuscript

Synthesis of aminoalkyl-substituted aurone derivatives as acetylcholinesterase inhibitors

Young Hun Lee, Min Cheol Shin, Yong Don Yun, Seo Young Shin, Jong Min Kim, Jeong Moo Seo, Nam-Jung Kim, Jong Hoon Ryu, Yong Sup Lee

PII: DOI: Reference:	S0968-0896(14)00778-0 http://dx.doi.org/10.1016/j.bmc.2014.11.004 BMC 11893
To appear in:	Bioorganic & Medicinal Chemistry
Received Date:	15 September 2014
Revised Date:	3 November 2014
Accepted Date:	3 November 2014



Please cite this article as: Lee, Y.H., Shin, M.C., Yun, Y.D., Shin, S.Y., Kim, J.M., Seo, J.M., Kim, N-J., Ryu, J.H., Lee, Y.S., Synthesis of aminoalkyl-substituted aurone derivatives as acetylcholinesterase inhibitors, *Bioorganic & Medicinal Chemistry* (2014), doi: http://dx.doi.org/10.1016/j.bmc.2014.11.004

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## ACCEPTED MANUSCRIPT

## **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.

Synthesis of aminoalkyl-substituted aurone Leave this area blank for abstract info. derivatives as acetylcholinesterase inhibitors Young Hun Lee, Min Cheol Shin, Yong Don Yun, Seo Young Shin, Jong Min Kim, Jeong Moo Seo, Nam-Jung Kim, Jong Hoon Ryu and Yong Sup Lee\* Department of Life and Nanopharmaceutical Sciences, Kyung Hee University, Seoul 130-701, Republic of Korea H<sub>2</sub>CC OCH<sub>2</sub> sulfuretin, **1** AChE IC<sub>50</sub> = 699 μM 10d AChE IC<sub>50</sub> = 0.40 μM Shows memory enhancing effects higher than galantamine in scopolamine-induced memory deficit model 

Download English Version:

## https://daneshyari.com/en/article/10583484

Download Persian Version:

https://daneshyari.com/article/10583484

Daneshyari.com