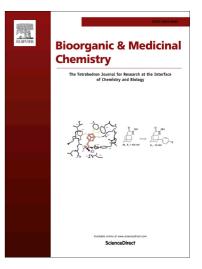
## Accepted Manuscript

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

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## ACCEPTED MANUSCRIPT

## **Graphical Abstract**

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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 

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