Accepted Manuscript

Synthesis and biological evaluation of flavone-8-acrylamide derivatives as potential multi-target-directed anti Alzheimer agents and investigation of binding mechanism with acetylcholinesterase

Jeelan Basha Shaik, Daniel Pushparaju Yeggoni, Yelamanda Rao Kandrakonda, Mohan Penumala, Raveendra Babu Zinka, Kasi Viswanath Kotapati, Mark Manidhar Darla, Dinakara Rao Ampasala, Rajagopal Subramanyam, Amooru Gangaiah Damu



PII:	S0045-2068(19)30044-6
DOI:	https://doi.org/10.1016/j.bioorg.2019.102960
Article Number:	102960
Reference:	YBIOO 102960
To appear in:	Bioorganic Chemistry
Received Date:	10 January 2019
Revised Date:	18 April 2019
Accepted Date:	28 April 2019

Please cite this article as: J. Basha Shaik, D. Pushparaju Yeggoni, Y. Rao Kandrakonda, M. Penumala, R. Babu Zinka, K. Viswanath Kotapati, M. Manidhar Darla, D. Rao Ampasala, R. Subramanyam, A. Gangaiah Damu, Synthesis and biological evaluation of flavone-8-acrylamide derivatives as potential multi-target-directed anti Alzheimer agents and investigation of binding mechanism with acetylcholinesterase, *Bioorganic Chemistry* (2019), doi: https://doi.org/10.1016/j.bioorg.2019.102960

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.