

# Accepted Manuscript

Donepezil-like Multifunctional Agents: Design, Synthesis, Molecular Modeling and Biological Evaluation

Ming-Yu Wu, Gerard Esteban, Simone Brogi, Masahi Shionoya, Li Wang, Giuseppe Campiani, Mercedes Unzeta, Tsutomu Inokuchi, Stefania Butini, Jose Marco-Contelles

PII: S0223-5234(15)30283-X

DOI: [10.1016/j.ejmech.2015.10.001](https://doi.org/10.1016/j.ejmech.2015.10.001)

Reference: EJMECH 8136

To appear in: *European Journal of Medicinal Chemistry*

Received Date: 6 May 2015

Revised Date: 9 September 2015

Accepted Date: 1 October 2015

Please cite this article as: M.-Y. Wu, G. Esteban, S. Brogi, M. Shionoya, L. Wang, G. Campiani, M. Unzeta, T. Inokuchi, S. Butini, J. Marco-Contelles, Donepezil-like Multifunctional Agents: Design, Synthesis, Molecular Modeling and Biological Evaluation, *European Journal of Medicinal Chemistry* (2015), doi: 10.1016/j.ejmech.2015.10.001.

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.



# Donepezil-like Multifunctional Agents: Design, Synthesis, Molecular Modeling and Biological Evaluation

Ming-Yu Wu,<sup>a,§</sup> Gerard Esteban,<sup>b,§</sup> Simone Brogi,<sup>c,§</sup> Masahi Shionoya,<sup>a</sup> Li Wang,<sup>a</sup> Giuseppe Campiani,<sup>c</sup>  
Mercedes Unzeta,<sup>b,\*</sup> Tsutomu Inokuchi,<sup>a,\*</sup> Stefania Butini,<sup>c,\*</sup> and Jose Marco-Contelles<sup>d,\*</sup>

<sup>a</sup>*Division of Chemistry and Biotechnology, Graduate School of Natural Science and Technology, Okayama University, 3.1.1 Tsushima-Naka, Kita-ku, Okayama 700-8530, Japan.*

<sup>b</sup>*Departament de Bioquímica i Biologia Molecular, Facultat de Medicina, Institut de Neurociències, Universitat Autònoma de Barcelona, 08193 Bellaterra, Barcelona, Spain.*

<sup>c</sup>*European Research Centre for Drug Discovery and Development (NatSynDrugs) and Department of Biotechnology, Chemistry and Pharmacy, Università degli Studi di Siena Via A. Moro, 53100 Siena, Italy.*

<sup>d</sup>*Laboratory of Medicinal Chemistry (IQOG, CSIC), C/Juan de la Cierva 3, 28006-Madrid, Spain.*

\* Corresponding author. Tel. +34 93 5811523; fax +34 935811573; e-mail: [mercedes.unzeta@uab.cat](mailto:mercedes.unzeta@uab.cat)

\* Corresponding author. Tel. +81862945045; fax +81862518021; e-mail: [inokuchi@cc.okayama-u.ac.jp](mailto:inokuchi@cc.okayama-u.ac.jp)

\* Corresponding author. Tel.: +39 0577234161; fax: +39 0577 234254; e-mail: [butini3@unisi.it](mailto:butini3@unisi.it)

\* Corresponding author. Tel.: + 34 915622900; fax: +39 915644853; e-mail: [iqoc21@iqog.csic.es](mailto:iqoc21@iqog.csic.es)

§ Authors equally contributed to this work

Download English Version:

<https://daneshyari.com/en/article/7798123>

Download Persian Version:

<https://daneshyari.com/article/7798123>

[Daneshyari.com](https://daneshyari.com)