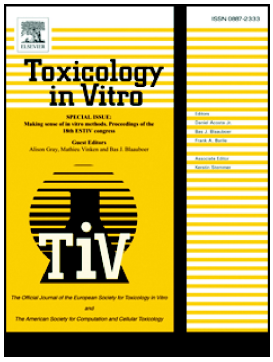
Cyclohexene-fused 1,3-oxazines with selective antibacterial and antiparasitic action and low cytotoxic effects



Maria R.M. de Brito, Walter J. Peláez, Martín S. Faillace, Gardenia C.G. Militão, Jackson R.G.S. Almeida, Gustavo A. Argüello, Zsolt Szakonyi, Ferenc Fülöp, Maria C. Salvadori, Fernanda S. Teixeira, Rivelilson M. Freitas, Pedro L.S. Pinto, Ana C. Mengarda, Marcos P.N. Silva, Ademar A. Da Silva Filho, Josué de Moraes

PII: S0887-2333(17)30207-2
DOI: doi: 10.1016/j.tiv.2017.07.021
Reference: TIV 4070

To appear in: *Toxicology in Vitro*

Received date: 20 April 2017
Revised date: 20 July 2017
Accepted date: 22 July 2017

Please cite this article as: Maria R.M. de Brito, Walter J. Peláez, Martín S. Faillace, Gardenia C.G. Militão, Jackson R.G.S. Almeida, Gustavo A. Argüello, Zsolt Szakonyi, Ferenc Fülöp, Maria C. Salvadori, Fernanda S. Teixeira, Rivelilson M. Freitas, Pedro L.S. Pinto, Ana C. Mengarda, Marcos P.N. Silva, Ademar A. Da Silva Filho, Josué de Moraes , Cyclohexene-fused 1,3-oxazines with selective antibacterial and antiparasitic action and low cytotoxic effects, *Toxicology in Vitro* (2017), doi: 10.1016/j.tiv.2017.07.021

Cyclohexene-fused 1,3-oxazines with selective antibacterial and antiparasitic action and low cytotoxic effects

Maria R. M. de Brito [a], Walter J. Peláez [b], Martín S. Faillace [b], Gardenia C. G. Militão [c], Jackson R. G. S. Almeida [d], Gustavo A. Argüello [b], Zsolt Szakonyi [e], Ferenc Fülöp [e], Maria C. Salvadori [f], Fernanda S. Teixeira [f], Rivelilson M. Freitas [a], Pedro L.S. Pinto [g], Ana C. Mengarda [h], Marcos P. N. Silva [h], Ademar A. Da Silva Filho [i], and Josué de Moraes [h,*]

[a] Research Laboratory of Experimental Neurochemistry, Program in Pharmaceutical Sciences, Federal University of Piauí, Teresina, PI, Brazil

[b] INFIQC-CONICET. Departamento de Fisicoquímica, Facultad de Ciencias Químicas, Universidad Nacional de Córdoba, Argentina

[c] Laboratory of Bioassays for Drug Research, Federal University of Pernambuco, Recife, PE, Brazil

[d] Department of Pharmacy, Federal University of San Francisco Valley, Petrolina, PE, Brazil

[e] Institute of Pharmaceutical Chemistry, University of Szeged, Hungary

[f] Institute of Physics, University of São Paulo, São Paulo, SP, Brazil

[g] Department of Parasitology, Adolf Lutz Institute, São Paulo, SP, Brazil

[h] Research Center for Neglected Diseases, Guarulhos University, Guarulhos, SP, Brazil

[i] Faculty of Pharmacy, Department of Pharmaceutical Sciences, Federal University of Juiz de Fora, Juiz de Fora, MG, Brazil

* Corresponding author at: Núcleo de Pesquisa em Doenças Negligenciadas, Centro de Pós-Graduação e Pesquisa, Universidade Guarulhos, Praça Teresa Cristina Praça Tereza Cristina, 229, Centro, 07023-070, Guarulhos, SP, Brazil.

E-mail address: josuem@usp.br; moraesnpdn@gmail.com (J. de Moraes)