

## Accepted Manuscript

The Design of Redox Active Thiol Peroxidase Mimics: Dihydrolipoic Acid Recognition Correlates with Cytotoxicity and Prooxidant Action

B. Zadehvakili, S.M. McNeill, J.P. Fawcett, G.I. Giles

PII: S0006-2952(16)00036-8

DOI: <http://dx.doi.org/10.1016/j.bcp.2016.01.012>

Reference: BCP 12471

To appear in: *Biochemical Pharmacology*

Received Date: 13 November 2015

Accepted Date: 14 January 2016

Please cite this article as: B. Zadehvakili, S.M. McNeill, J.P. Fawcett, G.I. Giles, The Design of Redox Active Thiol Peroxidase Mimics: Dihydrolipoic Acid Recognition Correlates with Cytotoxicity and Prooxidant Action, *Biochemical Pharmacology* (2016), doi: <http://dx.doi.org/10.1016/j.bcp.2016.01.012>

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.



# The Design of Redox Active Thiol Peroxidase Mimics: Dihydrolipoic Acid Recognition Correlates with Cytotoxicity and Prooxidant Action

## Authors

B. Zadehvakili<sup>a</sup>, S.M. McNeill<sup>b</sup>, J.P. Fawcett<sup>a</sup> and G.I. Giles<sup>b\*</sup>

## Affiliations

a School of Pharmacy, University of Otago, Dunedin, New Zealand.

b Department of Pharmacology and Toxicology, Otago School of Medical Sciences, University of Otago, Dunedin, New Zealand.

\* Corresponding author

## Corresponding Author's Contact Details

Dr. Gregory Giles, Department of Pharmacology and Toxicology, University of Otago, P.O. Box 913, Dunedin, New Zealand. Tel: +64-3-479-7322, Fax: +64-3-479-9140, Email: gregory.giles@otago.ac.nz.

Download English Version:

<https://daneshyari.com/en/article/5823192>

Download Persian Version:

<https://daneshyari.com/article/5823192>

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