

Accepted Manuscript

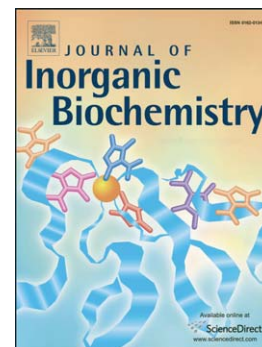
Induction of apoptosis in leukemia cell lines by new copper(II) complexes containing naphthyl groups *via* interaction with death receptors

Christiane Fernandes, Adolfo Horn Jr, Bruna F. Lopes, Erika S. Bull, Nathália F.B. Azeredo, Milton M. Kanashiro, Franz V. Borges, Adailton J. Bortoluzzi, Bruno Szpoganicz, Anderson B. Pires, Roberto W.A. Franco, João Carlos de A. Almeida, Leide L.F. Maciel, Jackson A.L.C. Resende, Gerhard Schenk

PII: S0162-0134(15)30087-8
DOI: doi: [10.1016/j.jinorgbio.2015.09.014](https://doi.org/10.1016/j.jinorgbio.2015.09.014)
Reference: JIB 9815

To appear in: *Journal of Inorganic Biochemistry*

Received date: 28 May 2015
Revised date: 10 September 2015
Accepted date: 30 September 2015



Please cite this article as: Christiane Fernandes, Adolfo Horn Jr, Bruna F. Lopes, Erika S. Bull, Nathália F.B. Azeredo, Milton M. Kanashiro, Franz V. Borges, Adailton J. Bortoluzzi, Bruno Szpoganicz, Anderson B. Pires, Roberto W.A. Franco, João Carlos de A. Almeida, Leide L.F. Maciel, Jackson A.L.C. Resende, Gerhard Schenk, Induction of apoptosis in leukemia cell lines by new copper(II) complexes containing naphthyl groups *via* interaction with death receptors, *Journal of Inorganic Biochemistry* (2015), doi: [10.1016/j.jinorgbio.2015.09.014](https://doi.org/10.1016/j.jinorgbio.2015.09.014)

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.

Induction of apoptosis in leukemia cell lines by new copper(II) complexes containing naphthyl groups
via interaction with death receptors

Christiane Fernandes ^{a,*}, Adolfo Horn Jr ^{a,*}, Bruna F. Lopes ^a, Erika S. Bull ^a, Nathália F. B. Azeredo ^a,
Milton M. Kanashiro ^b, Franz V. Borges ^b, Adailton J. Bortoluzzi ^c, Bruno Szpoganicz ^c, Anderson B.
Pires ^c, Roberto W. A. Franco ^d, João Carlos de A. Almeida ^e, Leide L. F. Maciel ^e, Jackson A. L. C.
Resende ^f and Gerhard Schenk ^g

^a *Laboratório de Ciências Químicas, Universidade Estadual do Norte Fluminense, 28013-602, Campos dos Goytacazes/RJ, Brazil*

^b *Laboratório de Biologia do Reconhecer, Universidade Estadual do Norte Fluminense, 28013-602, Campos dos Goytacazes/RJ, Brazil*

^c *Departamento de Química, Universidade Federal de Santa Catarina, 88040-900, Florianópolis/SC, Brazil*

^d *Laboratório de Ciências Físicas, Universidade Estadual do Norte Fluminense, 28013-602, Campos dos Goytacazes/RJ, Brazil*

^e *Laboratório de Fisiologia e Bioquímica de Microrganismos, Universidade Estadual do Norte Fluminense Darcy Ribeiro, 28013-602, Campos dos Goytacazes/RJ, Brazil*

^f *Laboratório de Difração de Raios X, Universidade Federal Fluminense, 24020-150, Niterói/RJ, Brazil*

^g *School of Chemistry and Molecular Biosciences, The University of Queensland, Brisbane, QLD 4072, Australia*

Dedicated to Prof. Graeme R. Hanson *in memoriam*.

*corresponding authors. E-mail: chrisf@uenf.br (C. Fernandes), adolfo@uenf.br (A. Horn Jr).

Download English Version:

<https://daneshyari.com/en/article/7754833>

Download Persian Version:

<https://daneshyari.com/article/7754833>

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