

## Accepted Manuscript

3-Aryl/Heteroaryl-5-Amino-1-(3',4',5'-Trimethoxybenzoyl)-1,2,4-Triazoles as Antimicrotubule Agents. Design, Synthesis, Antiproliferative Activity and Inhibition of Tubulin Polymerization

Romeo Romagnoli, Filippo Prencipe, Paola Oliva, Stefania Baraldi, Pier Giovanni Baraldi, Andrea Brancale, Salvatore Ferla, Ernest Hamel, Roberta Bortolozzi, Giampietro Viola

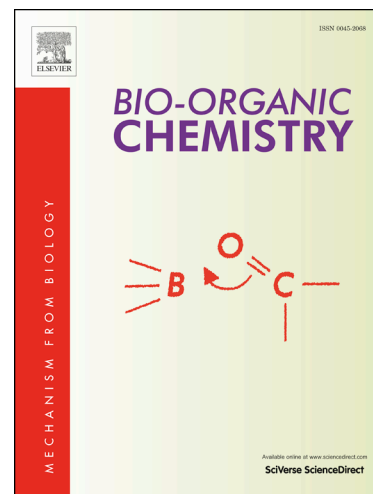
PII: S0045-2068(18)30441-3  
DOI: <https://doi.org/10.1016/j.bioorg.2018.06.037>  
Reference: YBIOO 2417

To appear in: *Bioorganic Chemistry*

Received Date: 3 May 2018  
Revised Date: 13 June 2018  
Accepted Date: 29 June 2018

Please cite this article as: R. Romagnoli, F. Prencipe, P. Oliva, S. Baraldi, P. Giovanni Baraldi, A. Brancale, S. Ferla, E. Hamel, R. Bortolozzi, G. Viola, 3-Aryl/Heteroaryl-5-Amino-1-(3',4',5'-Trimethoxybenzoyl)-1,2,4-Triazoles as Antimicrotubule Agents. Design, Synthesis, Antiproliferative Activity and Inhibition of Tubulin Polymerization, *Bioorganic Chemistry* (2018), doi: <https://doi.org/10.1016/j.bioorg.2018.06.037>

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.



**3-Aryl/Heteroaryl-5-Amino-1-(3',4',5'-Trimethoxybenzoyl)-1,2,4-Triazoles as Antimicrotubule Agents. Design, Synthesis, Antiproliferative Activity and Inhibition of Tubulin Polymerization**

Romeo Romagnoli,<sup>a\*</sup> Filippo Prencipe,<sup>a</sup> Paola Oliva,<sup>a</sup> Stefania Baraldi,<sup>a</sup> Pier Giovanni Baraldi,<sup>a</sup> Andrea Brancale,<sup>b</sup> Salvatore Ferla,<sup>b</sup> Ernest Hamel,<sup>c</sup> Roberta Bortolozzi<sup>d</sup> and Giampietro Viola<sup>d\*</sup>

<sup>a</sup>Dipartimento di Scienze Chimiche e Farmaceutiche, Università di Ferrara, 44121 Ferrara, Italy;

<sup>b</sup>School of Pharmacy and Pharmaceutical Sciences, Cardiff University, King Edward VII Avenue, Cardiff, CF10 3NB, UK;

<sup>c</sup>Screening Technologies Branch, Developmental Therapeutics Program, Division of Cancer Treatment and Diagnosis, Frederick National Laboratory for Cancer Research, National Cancer Institute, National Institutes of Health, Frederick, Maryland 21702, USA;

<sup>d</sup>Dipartimento di Salute della Donna e del Bambino, Laboratorio di Oncoematologia, Università di Padova, 35131 Padova, Italy

\*To whom correspondence should be addressed. E-mail:rmr@unife.it; Phone: 39-(0)532-455303. Fax: 39-(0)532-455953. (R.R.); E-mail:giampietro.viola.1@unipd.it Phone: 39-(0)49-8215485. Fax: 39-(0)49-8211462. (G.V.).

Download English Version:

<https://daneshyari.com/en/article/7770978>

Download Persian Version:

<https://daneshyari.com/article/7770978>

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