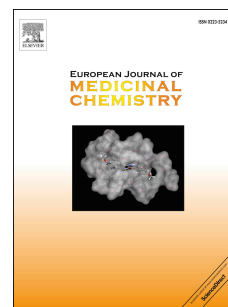


Accepted Manuscript

Targeting tubulin polymerization by novel 7-aryl-pyrroloquinolinones: Synthesis, biological activity and SARs

Roberta Bortolozzi, Elena Mattiuzzo, Matteo Dal Pra, Mattia Sturlese, Stefano Moro, Ernest Hamel, Davide Carta, Giampietro Viola, Maria Grazia Ferlin



PII: S0223-5234(17)30941-8

DOI: [10.1016/j.ejmech.2017.11.038](https://doi.org/10.1016/j.ejmech.2017.11.038)

Reference: EJMECH 9913

To appear in: *European Journal of Medicinal Chemistry*

Received Date: 6 October 2017

Revised Date: 15 November 2017

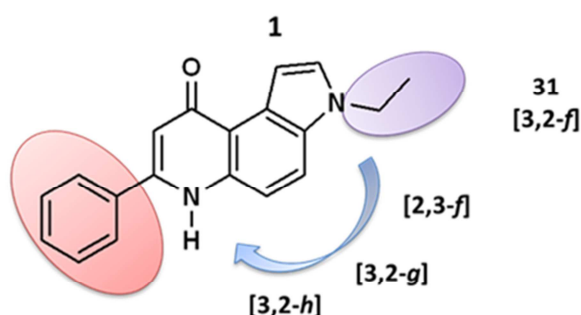
Accepted Date: 17 November 2017

Please cite this article as: R. Bortolozzi, E. Mattiuzzo, M.D. Pra, M. Sturlese, S. Moro, E. Hamel, D. Carta, G. Viola, M.G. Ferlin, Targeting tubulin polymerization by novel 7-aryl-pyrroloquinolinones: Synthesis, biological activity and SARs, *European Journal of Medicinal Chemistry* (2017), doi: 10.1016/j.ejmech.2017.11.038.

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.

Targeting tubulin polymerization by novel 7-aryl-pyrroloquinolinones: synthesis, biological activity and SARs.

Roberta Bortolozzi^{1*}, Elena Mattiuzzo^{1*}, Matteo Dal Pra², Mattia Sturlese², Stefano Moro², Ernest Hamel³, Davide Carta², Giampietro Viola¹, Maria Grazia Ferlin²



The three main structural determinants for potent cytotoxicity ($GI_{50} = 0.2-123$ nM) modified for obtaining novel PyQs were the 3- and 7-substituents and the angular geometries.

Download English Version:

<https://daneshyari.com/en/article/7797354>

Download Persian Version:

<https://daneshyari.com/article/7797354>

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