

# Accepted Manuscript

New 6- and 7-heterocyclyl-1*H*-indole derivatives as potent tubulin assembly and cancer cell growth inhibitors

Giuseppe La Regina, Ruoli Bai, Antonio Coluccia, Valentina Naccarato, Valeria Famiglini, Marianna Nalli, Domiziana Masci, Annalisa Verrico, Paola Rovella, Carmela Mazzoccoli, Eleonora Da Pozzo, Chiara Cavallini, Claudia Martini, Stefania Vultaggio, Giulio Dondio, Mario Varasi, Ciro Mercurio, Ernest Hamel, Patrizia Lavia, Romano Silvestri



PII: S0223-5234(18)30376-3

DOI: [10.1016/j.ejmech.2018.04.042](https://doi.org/10.1016/j.ejmech.2018.04.042)

Reference: EJMECH 10391

To appear in: *European Journal of Medicinal Chemistry*

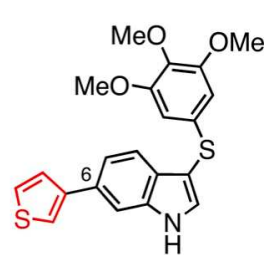
Received Date: 20 February 2018

Revised Date: 19 April 2018

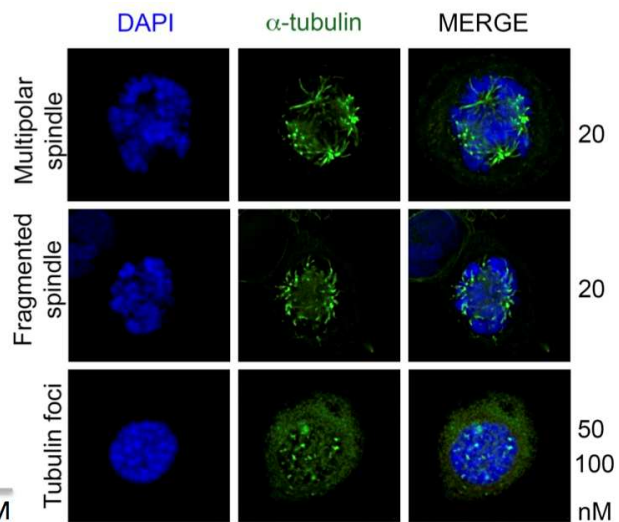
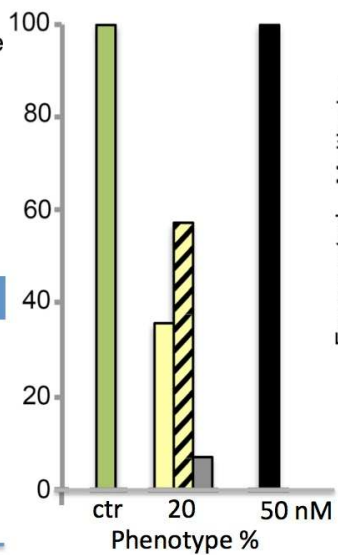
Accepted Date: 21 April 2018

Please cite this article as: G. La Regina, R. Bai, A. Coluccia, V. Naccarato, V. Famiglini, M. Nalli, D. Masci, A. Verrico, P. Rovella, C. Mazzoccoli, E. Da Pozzo, C. Cavallini, C. Martini, S. Vultaggio, G. Dondio, M. Varasi, C. Mercurio, E. Hamel, P. Lavia, R. Silvestri, New 6- and 7-heterocyclyl-1*H*-indole derivatives as potent tubulin assembly and cancer cell growth inhibitors, *European Journal of Medicinal Chemistry* (2018), doi: 10.1016/j.ejmech.2018.04.042.

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.



	IC <sub>50</sub>
Tubulin	0.58 μM
MCF-7	4.5 nM
HT-29	10 nM
PC3 (GI <sub>50</sub> )	3.5 nM
ADR/RES	7.5 nM



ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/7796388>

Download Persian Version:

<https://daneshyari.com/article/7796388>

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