

Accepted Manuscript

Discovery of novel heteroarylmethylcarbamodithioates as potent anticancer agents: synthesis, structure-activity relationship analysis and biological evaluation

Ying-Bo Li, Xu Yan, Ri-Dong Li, Peng Liu, Shao-Qian Sun, Xin Wang, Jing-Rong Cui, De-Min Zhou, Ze-Mei Ge, Run-Tao Li



PII: S0223-5234(16)30085-X

DOI: [10.1016/j.ejmech.2016.02.015](https://doi.org/10.1016/j.ejmech.2016.02.015)

Reference: EJMECH 8366

To appear in: *European Journal of Medicinal Chemistry*

Received Date: 1 September 2015

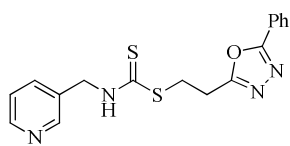
Revised Date: 11 December 2015

Accepted Date: 4 February 2016

Please cite this article as: Y.-B. Li, X. Yan, R.-D. Li, P. Liu, S.-Q. Sun, X. Wang, J.-R. Cui, D.-M. Zhou, Z.-M. Ge, R.-T. Li, Discovery of novel heteroarylmethylcarbamodithioates as potent anticancer agents: synthesis, structure-activity relationship analysis and biological evaluation, *European Journal of Medicinal Chemistry* (2016), doi: 10.1016/j.ejmech.2016.02.015.

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.

Graphical abstract



17o

SK-BR-3 (Breast)	$IC_{50} = 0.58 \pm 0.05 \mu M$
Bel-7402 (Hepatoma)	$IC_{50} = 1.23 \pm 0.49 \mu M$
PC-3 (Prostate)	$IC_{50} = 0.39 \pm 0.07 \mu M$
HEK293T (Normal)	$IC_{50} = 14.63 \pm 0.98 \mu M$

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/7798831>

Download Persian Version:

<https://daneshyari.com/article/7798831>

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