

Accepted Manuscript

Novel coumarin-pyrazole carboxamide derivatives as potential topoisomerase II inhibitors: Design, synthesis and antibacterial activity

Hao Liu, Zi-Li Ren, Wei Wang, Jie-Xiu Gong, Ming-Jie Chu, Quan-Wei Ma, Jie-Chun Wang, Xian-Hai Lv



PII: S0223-5234(18)30624-X

DOI: [10.1016/j.ejmech.2018.07.059](https://doi.org/10.1016/j.ejmech.2018.07.059)

Reference: EJMECH 10594

To appear in: *European Journal of Medicinal Chemistry*

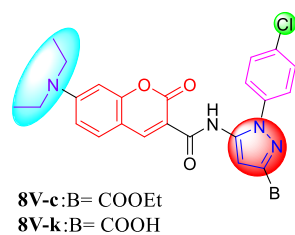
Received Date: 2 June 2018

Revised Date: 19 July 2018

Accepted Date: 25 July 2018

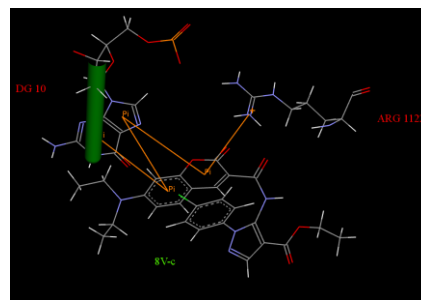
Please cite this article as: H. Liu, Z.-L. Ren, W. Wang, J.-X. Gong, M.-J. Chu, Q.-W. Ma, J.-C. Wang, X.-H. Lv, Novel coumarin-pyrazole carboxamide derivatives as potential topoisomerase II inhibitors: Design, synthesis and antibacterial activity, *European Journal of Medicinal Chemistry* (2018), doi: 10.1016/j.ejmech.2018.07.059.

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.



Molecular docking (eg. 8V-c)

Topo II (PDB entry: 2xc5)



	MIC(mg/L)			
	<i>S. aureus</i>	<i>L. monocytogenes</i>	<i>E. coli</i>	<i>Salmonella</i>
8V-c	1	0.5	2	0.05
8V-k	2	2	4	0.125

Download English Version:

<https://daneshyari.com/en/article/7795868>

Download Persian Version:

<https://daneshyari.com/article/7795868>

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