# Accepted Manuscript


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

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PII: S0223-5234(18)30624-X

DOI: 10.1016/j.ejmech.2018.07.059

Reference: EJMECH 10594

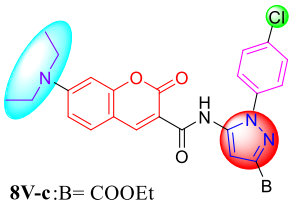
To appear in: *European Journal of Medicinal Chemistry*

Received Date: 2 June 2018

Revised Date: 19 July 2018

Accepted Date: 25 July 2018

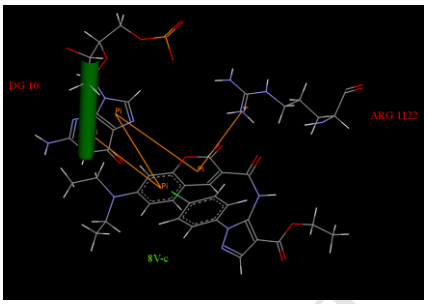
Please cite this article as: H. Liu, Z.-L. Ren, W. Wang, J.-X. Gong, M.-J. Chu, Q.-W. Ma, J.-C. Wang, X.-H. Lv, Novel coumarin-pyrazole carboxamide derivatives as potential topoisomerase II inhibitors: Design, synthesis and antibacterial activity, *European Journal of Medicinal Chemistry* (2018), doi: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




**8V-c**:B= COOEt
**8V-k**:B= COOH

Molecular docking(eg. 8V-c)

Topo II (PDB entry:2xcs)




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