

Accepted Manuscript

Design, synthesis and biological evaluation of novel macrocyclic bisbibenzyl analogues as tubulin polymerization inhibitors

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PII: S0223-5234(16)30484-6

DOI: [10.1016/j.ejmech.2016.06.007](https://doi.org/10.1016/j.ejmech.2016.06.007)

Reference: EJMECH 8668

To appear in: *European Journal of Medicinal Chemistry*

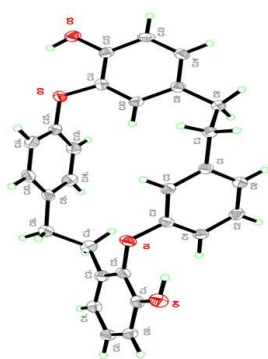
Received Date: 31 March 2016

Revised Date: 5 June 2016

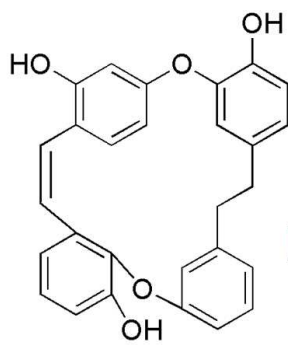
Accepted Date: 6 June 2016

Please cite this article as: B. Sun, L. Li, Q.-w. Hu, F. Xie, H.-b. Zheng, H.-m. Niu, H.-q. Yuan, H.-x. Lou, Design, synthesis and biological evaluation of novel macrocyclic bisbibenzyl analogues as tubulin polymerization inhibitors, *European Journal of Medicinal Chemistry* (2016), doi: 10.1016/j.ejmech.2016.06.007.

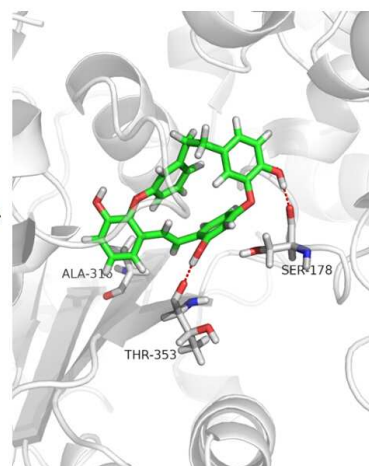
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**Marchantin C**

IC_{50} = 20.20 μ M (Hela)
= 11.96 μ M (k562)
= 12.30 μ M (HCC1428)
= 11.28 μ M (HT29)
= 12.00 μ M (PC-3/Doc)

**Cpd 88**

IC_{50} = 2.77 μ M (Hela)
= 3.36 μ M (k562)
= 1.26 μ M (HCC1428)
= 2.66 μ M (HT29)
= 3.56 μ M (PC-3/Doc)



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