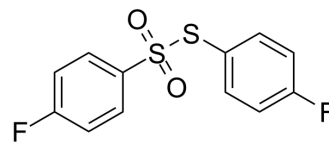


## Tubulin inhibitor 29

Cat. No.:	HY-147888
CAS No.:	2905-15-9
Molecular Formula:	C <sub>12</sub> H <sub>8</sub> F <sub>2</sub> O <sub>2</sub> S <sub>2</sub>
Molecular Weight:	286.32
Target:	Microtubule/Tubulin
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Tubulin inhibitor 29 (compound 3c) is a potent tubulin inhibitor with an IC <sub>50</sub> value of 1.2 μM. Tubulin inhibitor 29 shows antiproliferative effects with an IC <sub>50</sub> value of 7.5 μM for MCF-7 cells. Tubulin inhibitor 29 inhibits tubulin assembly and binds in the colchicine site <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 1.2 μM (tubulin) <sup>[1]</sup> .

### REFERENCES

[1]. Khodyuk RGD, et al. Diaryl disulfides and thiosulfonates as combretastatin A-4 analogues: Synthesis, cytotoxicity and antitubulin activity. Bioorg Chem. 2020 Aug;101:104017.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA