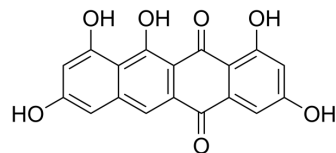


## Saintopin

Cat. No.:	HY-120185
CAS No.:	131190-63-1
Molecular Formula:	C <sub>18</sub> H <sub>10</sub> O <sub>7</sub>
Molecular Weight:	338.27
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Saintopin is an antitumor antibiotic. Saintopin is also an inhibitor of DNA topoisomerases I and II. Saintopin induces DNA cleavage <sup>[1][2]</sup> .	
IC <sub>50</sub> & Target	Topoisomerase I	Topoisomerase II

### REFERENCES

[1]. Yamashita Y, et al. Saintopin, a new antitumor antibiotic with topoisomerase II dependent DNA cleavage activity, from Paecilomyces. J Antibiot (Tokyo). 1990 Oct;43(10):1344-6.

[2]. eteurtre F, et al. Saintopin, a dual inhibitor of DNA topoisomerases I and II, as a probe for drug-enzyme interactions. J Biol Chem. 1994 Nov 18;269(46):28702-7.

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

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