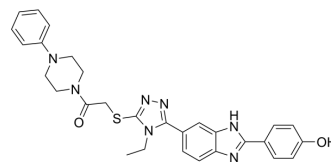


## Topoisomerase I inhibitor 15

Cat. No.:	HY-162341
Molecular Formula:	C <sub>29</sub> H <sub>29</sub> N <sub>7</sub> O <sub>2</sub> S
Molecular Weight:	539.65
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Topoisomerase I inhibitor 15 (compound 4b) is an inhibitor of topoisomerase I with anticancer activity. Topoisomerase I inhibitor 15 inhibits A549 cells with an IC <sub>50</sub> of 7.34 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	Topoisomerase I <sup>[1]</sup>

### REFERENCES

[1]. Khalil NA, et al. New benzothienopyran and benzothienopyranopyrimidine derivatives as topoisomerase I inhibitors: Design, synthesis, anticancer screening, apoptosis induction and molecular modeling studies. *Bioorg Chem.* 2023 Aug;137:106638.

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

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