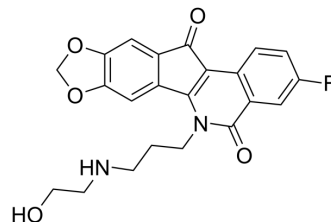


## LMP517

Cat. No.:	HY-160005
CAS No.:	1883730-99-1
Molecular Formula:	C <sub>22</sub> H <sub>19</sub> FN <sub>2</sub> O <sub>5</sub>
Molecular Weight:	410.4
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	LMP517 (NSC 781517) a indenoisoquinoline, is a potent a dual TOP1 and TOP2 inhibitor. LMP517 shows better antitumor activity than its parent compound LMP744 (HY-U00248) against H82 (Small Cell Lung Cancer) xenografts. LMP517 induces TOP1 cleavage complexes (TOP1ccs) and TOP2ccs <sup>[1]</sup> .	
IC <sub>50</sub> & Target	Topoisomerase I	Topoisomerase II

### REFERENCES

[1]. Marzi L, et al. The Indenoisoquinoline LMP517: A Novel Antitumor Agent Targeting both TOP1 and TOP2. Mol Cancer Ther. 2020 Aug;19(8):1589-1597.

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

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