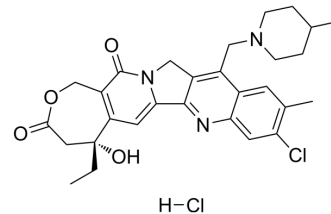


## Elomotecan hydrochloride

<b>Cat. No.:</b>	HY-13622
<b>CAS No.:</b>	220997-99-9
<b>Molecular Formula:</b>	C <sub>29</sub> H <sub>33</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>4</sub>
<b>Molecular Weight:</b>	558.5
<b>Target:</b>	Topoisomerase
<b>Pathway:</b>	Cell Cycle/DNA Damage
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Elomotecan hydrochloride (BN 80927) is a potent inhibitor of topoisomerases I and II. Elomotecan hydrochloride (BN 80927) is a camptothecin analog belonging to the homocamptothecin family (hCPT). Elomotecan hydrochloride (BN 80927) reduces the proliferation of different tumor cells with higher potency than other anticancer agents of reference targeting topoisomerases I and II <sup>[1]</sup> .	
<b>IC<sub>50</sub> &amp; Target</b>	Topoisomerase I	Topoisomerase II

### REFERENCES

[1]. Trocóniz IF, et al. Population pharmacokinetic/pharmacodynamic modeling of drug-induced adverse effects of a novel homocamptothecin analog, elomotecan (BN80927), in a Phase I dose finding study in patients with advanced solid tumors. *Cancer Chemother Pharmacol.* 2012;70(2):239-250.

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

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