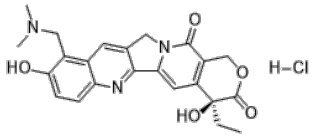
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Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	Topotecan hydrochloride
Cat. No.	:	PC-28737
CAS No.	:	119413-54-6
Molecular Formula	:	$C_{23}H_{24}ClN_3O_5$
Molecular Weight	:	457.91
Target	:	Topoisomerase
Solubility	:	10 mM in DMSO



Biological Activity

Topotecan hydrochloride is (SKF104864A, NSC 609669) is an orally active topoisomerase I (TOP1) inhibitor, induces cell cycle arrest in G0/G1 and S phases and promotes apoptosis in mutiple cancer cells, also inhibits preribosomal subunit formation via binding to RPL15, activates STING-mediated antitumor immune responses.

References

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Yamada S, et al. J Immunol. 2022 Jul 1;209(1):171-179.

Kumar S, et al. Clin Cancer Res. 2011 Sep 1;17(17):5656-67.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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