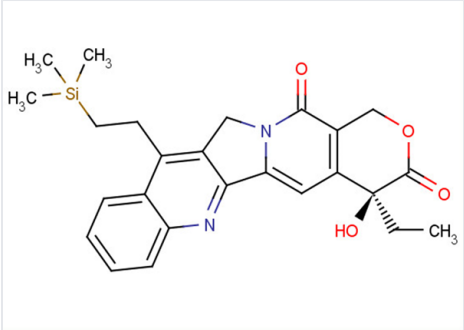
Karenitecin Inhibitor

PRODUCT OVERVIEW

Product Name	Karenitecin, Inhibitor
Full Product Name	Karenitecin
Product Synonym Names	Cositecan; BNP 1350
Form/Format	Solid. Powder
Purity/Purification	98.00%
Preparation and Storage	Store at -20 degree C for 3 years powder -80 degree C for 2 years in solvent
Molecular Weight	448.59
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Formula	C25H28N2O4Si
SMILES	O=C1[C@](O)(CC)C2=C(CO1)C(N3CC4=C(CC[Si](C)(C)C)C5=CC=CC=C5N=C4C3=C2)=O
CAS Number	203923-89-1
Target & IC50	Topoisomerase I
Product Categories/Family for Karenitecin, inhibitor	DNA Damage/DNA Repair; Topoisomerase
Related Product Information for Karenitecin, inhibitor	Karenitecin (Cositecan) is an inhibitor of topoisomerase I. It has potent anti-cancer activity.
Product References and Citations for Karenitecin, inhibitor	Yin MB, et al. Characterization of protein kinase chk1 essential for the cell cycle checkpoint after exposure of human head and neck carcinoma A253 cells to a novel topoisomerase I inhibitor BNP1350. Mol Pharmacol. 2000 Mar;57(3):453-9. Yin MB, et al. Characterization of protein kinase chk1 essential for the cell cycle checkpoint after exposure of human head and neck carcinoma A253 cells to a novel topoisomerase I inhibitor BNP1350. Mol Pharmacol. 2000 Mar;57(3):453-9. Van Hattum AH, et al. New highly lipophilic camptothecin BNP1350 is an effective drug in experimental human cancer. Int J Cancer. 2000 Oct 15;88(2):260-6. Van Hattum AH, et al. New highly lipophilic camptothecin BNP1350 is an effective drug in experimental human cancer. Int J Cancer. 2000 Oct 15;88(2):260-6.
Other Notes	Small volumes of Karenitecin, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Karenitecin purchase	MBS5754637 is an inhibitor targeting Karenitecin.



Structure of Karenitecin, inhibitor

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/inhibitor/karenitecin/5754637