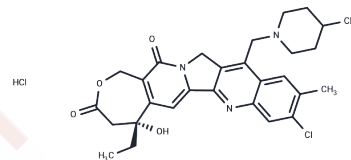


## Elomotecan hydrochloride

## Chemical Properties

CAS No. :	220997-99-9
Formula:	C <sub>29</sub> H <sub>33</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	558.5
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Elomotecan hydrochloride (BN 80927), a camptothecin analog from the homocamptothecin family (hCPT), is a highly potent inhibitor of both topoisomerases I and II. It demonstrates superior efficacy in reducing the proliferation of various tumor cells compared to other reference anticancer drugs targeting these topoisomerases.
Targets(IC50)	Others,Topoisomerase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7905 mL	8.9526 mL	17.9051 mL
5 mM	0.3581 mL	1.7905 mL	3.581 mL
10 mM	0.1791 mL	0.8953 mL	1.7905 mL
50 mM	0.0358 mL	0.1791 mL	0.3581 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

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.

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