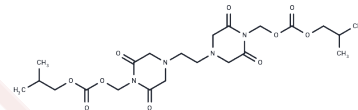


Sobuzoxane

Chemical Properties

CAS No. :	98631-95-9
Formula:	C22H34N4O10
Molecular Weight:	514.53
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	Sobuzoxane is an orally active topoisomerase II inhibitor that causes irreversible inhibition of cell division. Sobuzoxane can be used to study non-Hodgkin lymphoma that is resistant to conventional chemotherapy or relapsed.
Targets(IC50)	Topoisomerase

Solubility Information

Solubility	DMSO: 80 mg/mL (155.48 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9435 mL	9.7176 mL	19.4352 mL
5 mM	0.3887 mL	1.9435 mL	3.887 mL
10 mM	0.1944 mL	0.9718 mL	1.9435 mL
50 mM	0.0389 mL	0.1944 mL	0.3887 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

Okamoto T, et al. Long-term administration of oral low-dose topoisomerase II inhibitors, MST-16 and VP-16, for refractory or relapsed non-Hodgkin's lymphoma[J]. Acta Haematologica, 2001, 104(2-3): 128-130.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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