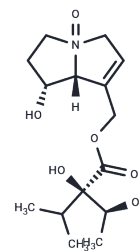


Indicine N-oxide

Chemical Properties

CAS No. :	41708-76-3
Formula:	C ₁₅ H ₂₅ NO ₆
Molecular Weight:	315.37
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	Indicine N-oxide (NSC 132319), a pyrrolizidine alkaloid, serves as an antitumor agent in pediatric cancer and solid tumors research.
Targets(IC50)	Others, Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1709 mL	15.8544 mL	31.7088 mL
5 mM	0.6342 mL	3.1709 mL	6.3418 mL
10 mM	0.3171 mL	1.5854 mL	3.1709 mL
50 mM	0.0634 mL	0.3171 mL	0.6342 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

V M Whitehead, et al. Phase I trial of indicine-N-oxide in children with leukemia and solid tumors: a Pediatric Oncology Group study. *Cancer Chemother Pharmacol.* 1990;26(5):377-9.

J S Kovach, et al. Toxicity and pharmacokinetics of a pyrrolizidine alkaloid, indicine N-oxide, in humans. *Cancer Res.* 1979 Nov;39(11):4540-4.

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