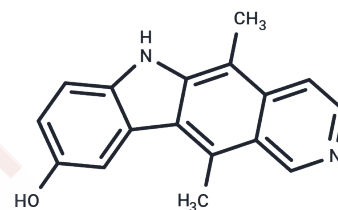


9-Hydroxyellipticin free base

Chemical Properties

CAS No. :	51131-85-2
Formula:	C ₁₇ H ₁₄ N ₂ O
Molecular Weight:	262.31
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	9-hydroxyellipticine is a potent cytotoxic and antitumor agent. 9-hydroxyellipticine is a 9-hydroxy derivative of ellipticine.
Targets(IC50)	Others, Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8123 mL	19.0614 mL	38.1228 mL
5 mM	0.7625 mL	3.8123 mL	7.6246 mL
10 mM	0.3812 mL	1.9061 mL	3.8123 mL
50 mM	0.0762 mL	0.3812 mL	0.7625 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

- Harding MM, Grummitt AR. 9-hydroxyellipticine and derivatives as chemotherapy agents. *Mini Rev Med Chem.* 2003 Mar;3(2):67-76. Review. PubMed PMID: 12570841.
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- Sugikawa E, Tsunoda S, Nakanishi N, Ohashi M. 9-Hydroxyellipticine alters the conformation and DNA binding characteristics of mutated p53 protein. *Anticancer Res.* 2001 Jul-Aug;21(4A):2671-5. PubMed PMID: 11724337.
- Mizumoto K, Sato N, Kusumoto M, Niiyama H, Maehara N, Nishio S, Li Z, Ogawa T, Tanaka M. Diverse effects of 9-hydroxyellipticine on the chemosensitivity of human pancreatic cancer cells harboring p53 mutations. *Cancer Lett.* 2000 Feb 28;149(1-2):85-94. PubMed PMID: 10737712.

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