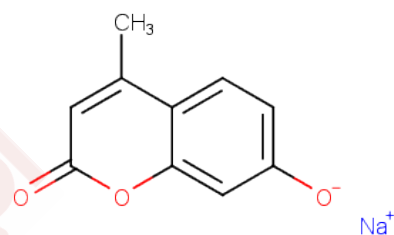


Cantabiline sodium

Chemical Properties

CAS No. :	5980-33-6
Formula:	C ₁₀ H ₇ NaO ₃
Molecular Weight:	198.15
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	Cantabiline sodium is a coumarin derivative possessing properties as a spasmolytic, choleric and light-protective agent. It is also used in analytical chemistry for the determination of NITRIC ACID.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0467 mL	25.2334 mL	50.4668 mL
5 mM	1.0093 mL	5.0467 mL	10.0934 mL
10 mM	0.5047 mL	2.5233 mL	5.0467 mL
50 mM	0.1009 mL	0.5047 mL	1.0093 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

- Chevrel B. [Action of cantabiline on Oddi's sphincter]. Med Chir Dig. 1979;8(1):91-5. French. PubMed PMID: 470485.
- Lassaunière JM, Benastre G, Freysz M, Petit A, Caillard B. [Hemodynamic effects of intravenously and peroperatively injected methyl-4-umbelliferone (cantabiline)]. Anesth Analg (Paris). 1978 Jan-Feb;35(1):169-73. French. PubMed PMID: 677495.
- Ronsse G, Stalport J, Burnon D. [Pharmacodynamic effect of hymecromone on the sphincter of Oddi (author's transl)]. Acta Gastroenterol Belg. 1980 Jan-Feb;43(1-3):66-70. French. PubMed PMID: 7456990.

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