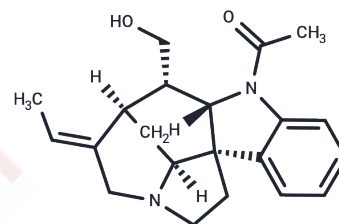


Retuline

Chemical Properties

CAS No. :	2616-16-2
Formula:	C ₂₁ H ₂₆ N ₂ O ₂
Molecular Weight:	338.44
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	Retuline is a analkaloid from Strychnos holstii Gilg.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9547 mL	14.7737 mL	29.5473 mL
5 mM	0.5909 mL	2.9547 mL	5.9095 mL
10 mM	0.2955 mL	1.4774 mL	2.9547 mL
50 mM	0.0591 mL	0.2955 mL	0.5909 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

- Occolowitz JL, Biemann K, Bosly J. The structures of the strychnos alkaloids condensamine and retuline. I. *Farmaco Sci.* 1965 Nov;20(11):751-6. PubMed PMID: 5884091.
- Bisset NG. Structure of retuline, analkaloid from *Strychnos holstii* Gilg. *Chem Ind.* 1965 Jun 12;24:1036-7. PubMed PMID: 5843279.
- Wenkert E, Sklar R. Synthesis of retuline. *J Org Chem.* 1966 Aug;31(8):2689-91. PubMed PMID: 5917457.
- Tits M, Damas J, Quetin-Leclercq J, Angenot L. From ethnobotanical uses of *Strychnos henningsii* to antiinflammatories, analgesics and antispasmodics. *J Ethnopharmacol.* 1991 Sep;34(2-3):261-7. PubMed PMID: 1795530.

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