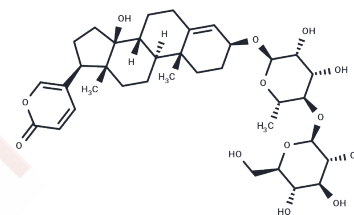


Scillaren A

Chemical Properties

CAS No. :	124-99-2
Formula:	C ₃₆ H ₅₂ O ₁₃
Molecular Weight:	692.79
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	Scillaren A is a crystalline steroidal glycoside from <i>Scilla maritima</i> .
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4434 mL	7.2172 mL	14.4344 mL
5 mM	0.2887 mL	1.4434 mL	2.8869 mL
10 mM	0.1443 mL	0.7217 mL	1.4434 mL
50 mM	0.0289 mL	0.1443 mL	0.2887 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

- Ferrer M, Basarte JC, Fernandez M, Fos D, Vega FA. [Densitometric determination of proscillaridin A, scillaren A and scilliroside]. *Farmaco Prat.* 1980 Jan;35(1):32-46. Spanish. PubMed PMID: 7449933.
- HOFFMANN HJ, WOLLENBERGER A. [Examination of hexahydroscillaren A & allocymarin as possible antagonists of scillaren A & cymarin on isolated heart]. *Acta Biol Med Ger.* 1959;2(1):94-9. German. PubMed PMID: 13626422.
- Balbaa SI, Khafagy SM, Khayyal SE, Girgis AN. TLC-spectrophotometric assay of the main glycosides of red squill, a specific rodenticide. *J Nat Prod.* 1979 Sep-Oct;42(5):522-4. PubMed PMID: 521820.
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