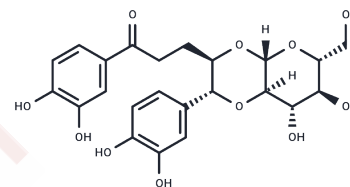


Pilosidine

Chemical Properties

CAS No. :	229971-57-7
Formula:	C ₂₃ H ₂₆ O ₁₁
Molecular Weight:	478.45
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Pilosidine has vasoconstrictor activity, it showed facilitating effect on adrenaline evoked contractions in rabbit aorta isolated preparations.
Targets(IC50)	Antibacterial
In vitro	METHODS AND RESULTS: From the rhizomes of <i>Curculigo pilosa</i> , two benzylbenzoate diglucosides, piloside A and piloside B, and a glucosyl-fused norlignan, Pilosidine, previously obtained only as the tetra-O-methyl derivative, were isolated. CONCLUSIONS: Pilosidine showed facilitating effect on adrenaline evoked contractions in rabbit aorta isolated preparations.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0901 mL	10.4504 mL	20.9008 mL
5 mM	0.418 mL	2.0901 mL	4.1802 mL
10 mM	0.209 mL	1.045 mL	2.0901 mL
50 mM	0.0418 mL	0.209 mL	0.418 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

Benzylbenzoate and norlignan glucosides from *Curculigo pilosa*: structural analysis and in vitro vascular activity
Phytochemistry, 2000, 55(5):411-417.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481