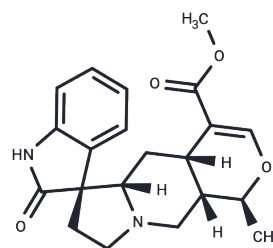


Pteropodine

Chemical Properties

CAS No. :	5629-60-7
Formula:	C ₂₁ H ₂₄ N ₂ O ₄
Molecular Weight:	368.43
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	Pteropodine acts as a positive modulator of muscarinic M(1) and 5-HT(2) receptors. Pteropodine shows antigenotoxic, antioxidant and lymphocyte induction effects, it also shows strong apoptotic effect on acute leukaemic lymphoblasts.
Targets(IC50)	Bcl-2 Family, Calcium Channel, 5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7142 mL	13.5711 mL	27.1422 mL
5 mM	0.5428 mL	2.7142 mL	5.4284 mL
10 mM	0.2714 mL	1.3571 mL	2.7142 mL
50 mM	0.0543 mL	0.2714 mL	0.5428 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

Pteropodine and isopteropodine positively modulate the function of rat muscarinic M(1) and 5-HT(2) receptors expressed in *Xenopus* oocyte. *Eur J Pharmacol.* 2002 May 24;444(1-2):39-45.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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