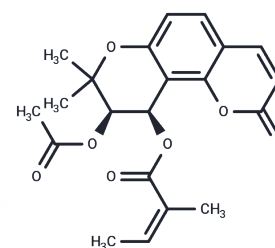


Pteryxin

Chemical Properties

CAS No. :	13161-75-6
Formula:	C ₂₁ H ₂₂ O ₇
Molecular Weight:	386.4
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(+)-Pteryxin ((+)-Pteryxin) has muscle-relaxant props. (+)-Pteryxin shows hepatoprotective and nitric oxide prodn. inhibitory activity.
Targets(IC50)	Cholinesterase (ChE)

Solubility Information

Solubility	DMSO: 50 mg/mL (129.4 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.588 mL	12.940 mL	25.8799 mL
5 mM	0.5176 mL	2.588 mL	5.176 mL
10 mM	0.2588 mL	1.294 mL	2.588 mL
50 mM	0.0518 mL	0.2588 mL	0.5176 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.

Reference

Orhan, I., Senol, F., Shekfeh, S., Skalicka-Wozniak, K., & Banoglu, E. (2017). Pteryxin - A promising butyrylcholinesterase-inhibiting coumarin derivative from *Mutellina purpurea*. Food And Chemical Toxicology, 109, 970-974. doi: 10.1016/j.fct.2017.03.016

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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