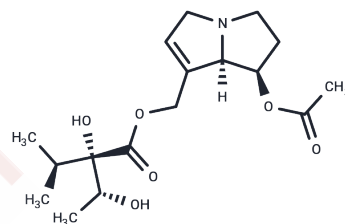


7-Acetylintermedine

Chemical Properties

CAS No. :	74243-01-9
Formula:	C ₁₇ H ₂₇ N ₀ O ₆
Molecular Weight:	341.40
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	7-Acetylintermedine is a hepatotoxic botanical pyrrolizidine alkaloid.
Targets(IC50)	Others
In vitro	7-Acetylintermedine has been found to cause liver necrosis and exhibit hepatotoxicity alerts at its pyrroline positions [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9291 mL	14.6456 mL	29.2912 mL
5 mM	0.5858 mL	2.9291 mL	5.8582 mL
10 mM	0.2929 mL	1.4646 mL	2.9291 mL
50 mM	0.0586 mL	0.2929 mL	0.5858 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

Yun-Jan Wang, et al. Computational analysis for hepatic safety signals of constituents present in botanical extracts widely used by women in the United States for treatment of menopausal symptoms. Regul Toxicol Pharmacol. 2011 Feb;59(1):111-24.

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