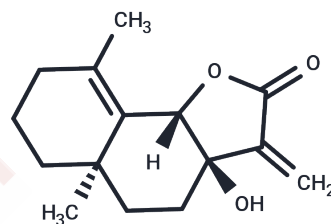


7a-Hydroxyfrullanolide

Chemical Properties

CAS No. :	105578-87-8
Formula:	C ₁₅ H ₂₀ O ₃
Molecular Weight:	248.318
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	7a-Hydroxyfrullanolide possesses anticancer properties and can reduce the polymerization of α - and β -tubulins. It preferentially binds to β -tubulin over α -tubulin. Additionally, 7a-Hydroxyfrullanolide induces a DNA damage response, causing cell arrest in the G2/M phase. This compound is a eucalyptolide sesquiterpene lactone (SL) and can be extracted from Asteraceae family flowering plants.
Targets(IC50)	Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0271 mL	20.1353 mL	40.2706 mL
5 mM	0.8054 mL	4.0271 mL	8.0541 mL
10 mM	0.4027 mL	2.0135 mL	4.0271 mL
50 mM	0.0805 mL	0.4027 mL	0.8054 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.

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