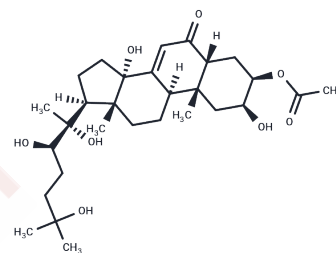


3-O-Acetyl-20-Hydroxyecdysone

Chemical Properties

CAS No. :	22961-68-8
Formula:	C ₂₉ H ₄₆ O ₈
Molecular Weight:	522.67
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	3-O-Acetyl-20-Hydroxyecdysone, a steroid extracted from the roots of <i>Cyanotis arachnoidea</i> C.B.Clark, is characterized by its unique structural modifications.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (105.23 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	1.9133 mL	9.5663 mL	19.1325 mL
5 mM	0.3827 mL	1.9133 mL	3.8265 mL
10 mM	0.1913 mL	0.9566 mL	1.9133 mL
50 mM	0.0383 mL	0.1913 mL	0.3827 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

Tang H J, et al. Chemical constituents from roots tubers of *Serratula chinensis*. *Chinese Traditional and Herbal Drugs*, 2014, 45(7):906-912.

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