

Polyporoid B

Chemical Properties

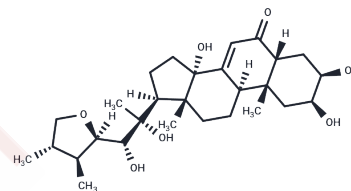
CAS No. : 1042362-45-7

Formula: C₂₈H₄₄O₇

Molecular Weight: 492.64

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	Polyporoid B, an ergostane-type ecdysteroid, demonstrates significant anti-inflammatory effects in vivo [1].
Targets(IC50)	Others
In vivo	Polyporoid B effectively suppresses TPA-induced inflammation in mice, achieving an inhibitory concentration (ID ₅₀) of 0.682 μM/ear [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0299 mL	10.1494 mL	20.2988 mL
5 mM	0.406 mL	2.0299 mL	4.0598 mL
10 mM	0.203 mL	1.0149 mL	2.0299 mL
50 mM	0.0406 mL	0.203 mL	0.406 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481