

Rosin

Chemical Properties

CAS No. : 85026-55-7

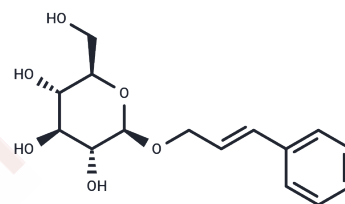
Formula: C₁₅H₂₀O₆

Molecular Weight: 296.32

Keep away from moisture

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	Rosin is a natural product, may have therapeutic potential for the treatment of inflammation
Targets(IC50)	p38 MAPK

Solubility Information

Solubility	DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3747 mL	16.8737 mL	33.7473 mL
5 mM	0.6749 mL	3.3747 mL	6.7495 mL
10 mM	0.3375 mL	1.6874 mL	3.3747 mL
50 mM	0.0675 mL	0.3375 mL	0.6749 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

Xiao Qiang Li , Yong Chen,et al..Anti-psoriasis Effect of Water-Processed Rosin in Mice.J Ethnopharmacol. 2019 Oct 5;242:112073.

Wang Q, Zhu L, Yu Y, et al. Microbial Screening of Marine Natural Product Inhibitors for the 6'-Aminoglycoside Acetyltransferase 2''-Aminoglycoside Phosphotransferase [AAC (6')-APH (2'')] Bifunctional Enzyme by Ultra-High Performance Liquid Chromatography-Mass Spectrometry (UHPLC-MS)[J]. Analytical Letters. 2021, 54(18): 2895-2907.

Miao Y, Zheng Y, Geng Y, et al. The role of GLS1-mediated glutaminolysis/2-HG/H3K4me3 and GSH/ROS signals in Th17 responses counteracted by PPAR γ agonists[J]. Theranostics. 2021, 11(9): 4531.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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