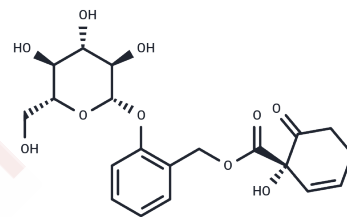


Salicortin

Chemical Properties

CAS No. :	1887055-63-1
Formula:	C ₂₀ H ₂₄ O ₁₀
Molecular Weight:	424.40
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	Salicortin is a phenolic glycoside isolated from many plants such as Populus and Salix species, has anti-adipogenic, anti-amnesic, and immune-modulatory activity.
Targets(IC50)	NF-κB,JNK
In vitro	Salicortin 100 μM and 2 hours almost completely retards the phosphorylation of IκBα.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3563 mL	11.7813 mL	23.5627 mL
5 mM	0.4713 mL	2.3563 mL	4.7125 mL
10 mM	0.2356 mL	1.1781 mL	2.3563 mL
50 mM	0.0471 mL	0.2356 mL	0.4713 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

Nie S, et al. Salicortin inhibits osteoclast differentiation and bone resorption by down-regulating JNK and NF-κB/NFATc1 signaling pathways. Biochem Biophys Res Commun. 2016 Jan 29;470(1):61-67.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481