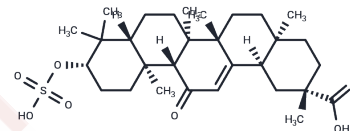


18 β -Glycyrrhetyl-3-O-sulfate

Chemical Properties

CAS No. :	10251-38-4
Formula:	C30H46O7S
Molecular Weight:	550.75
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	18 β -Glycyrrhetyl-3-O-sulfate (Glycyrrhetic acid 3-O-(hydrogen sulfate)), a major metabolite of Glycyrrhetic acid (GA), is a potent inhibitor of type 2 11 β -hydroxysteroid dehydrogenase (11 β -HSD2) with an IC50 value of 0.10 μ M in rat kidney microsome assays. This compound is a substrate for organic anion transporters (OAT) 1 and OAT3, exhibits anti-inflammatory properties, and holds potential for research into pseudohyperaldosteronism [1] [2].
Targets(IC50)	OAT,Others,Dehydrogenase,Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8157 mL	9.0785 mL	18.1571 mL
5 mM	0.3631 mL	1.8157 mL	3.6314 mL
10 mM	0.1816 mL	0.9079 mL	1.8157 mL
50 mM	0.0363 mL	0.1816 mL	0.3631 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