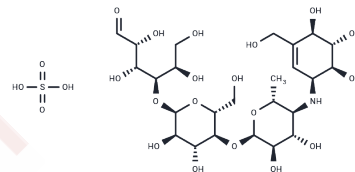


Acarbose sulfate

Chemical Properties

CAS No. :	1221158-13-9
Formula:	C ₂₅ H ₄₅ N ₂ O ₂₂ S
Molecular Weight:	743.68
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	Acarbose sulfate is an anti-diabetic drug and is an inhibitor of alpha-glucosidase.
Targets(IC50)	Others, Glucosidase, glycosidase

Solubility Information

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

	1mg	5mg	10mg
1 mM	1.3447 mL	6.7233 mL	13.4466 mL
5 mM	0.2689 mL	1.3447 mL	2.6893 mL
10 mM	0.1345 mL	0.6723 mL	1.3447 mL
50 mM	0.0269 mL	0.1345 mL	0.2689 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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