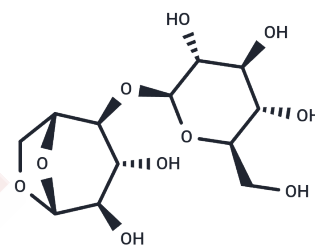


Cellobiosan

Chemical Properties

CAS No. :	35405-71-1
Formula:	C ₁₂ H ₂₀ O ₁₀
Molecular Weight:	324.282
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	Cellobiosan is an anhydro sugar formed during biofuel production from the fast pyrolysis of wood.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMF: 25 mg/mL (77.09 mM),Sonication is recommended. Ethanol: 2 mg/mL (6.17 mM),Sonication is recommended. PBS (pH 7.2): 10 mg/mL (30.84 mM),Sonication is recommended. DMSO: 10 mg/mL (30.84 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0838 mL	15.4188 mL	30.8375 mL
5 mM	0.6168 mL	3.0838 mL	6.1675 mL
10 mM	0.3084 mL	1.5419 mL	3.0838 mL
50 mM	0.0617 mL	0.3084 mL	0.6168 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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