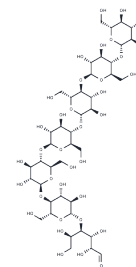


Celloheptaose

Chemical Properties

CAS No. :	52646-27-2
Formula:	C42H72O36
Molecular Weight:	1153
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	Celloheptaose, an oligosaccharide composed of seven glucose units, serves as a substrate for polysaccharide monooxygenases (PMOs), facilitating the production of oxidized cellulo-oligosaccharides [1] [2].
In vitro	Celloheptaose activity is modulated by the enzyme Clostridium thermocellum cellodextrin phosphorylase (CtCDP) in both its synthesis and degradation pathways, acting through a CDP-CBM (Carbohydrate-binding module) fusion protein form [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8673 mL	4.3365 mL	8.673 mL
5 mM	0.1735 mL	0.8673 mL	1.7346 mL
10 mM	0.0867 mL	0.4337 mL	0.8673 mL
50 mM	0.0173 mL	0.0867 mL	0.1735 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.

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