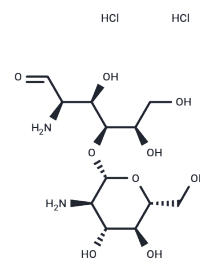


Chitobiose dihydrochloride

Chemical Properties

CAS No. :	115350-24-8
Formula:	C ₁₂ H ₂₆ Cl ₂ N ₂ O ₉
Molecular Weight:	413.25
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	Chitobiose dihydrochloride is a chitosan oligosaccharide consisting of β -1,4-linked glucosamine units.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4198 mL	12.0992 mL	24.1984 mL
5 mM	0.484 mL	2.4198 mL	4.8397 mL
10 mM	0.242 mL	1.2099 mL	2.4198 mL
50 mM	0.0484 mL	0.242 mL	0.484 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

Qini Zhao, et al. Chitoheptaose Promotes Heart Rehabilitation in a Rat Myocarditis Model by Improving Antioxidant, Anti-Inflammatory, and Antiapoptotic Properties. *Oxid Med Cell Longev.* 2020 Apr 11;2020:2394704.

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