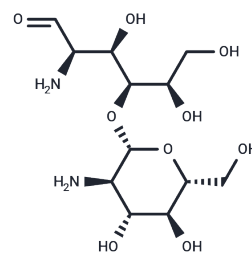


## Chitobiose

## Chemical Properties

CAS No. :	577-76-4
Formula:	C <sub>12</sub> H <sub>24</sub> N <sub>2</sub> O <sub>9</sub>
Molecular Weight:	340.33
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, a dimer of $\beta$ -1,4-linked glucosamine units and a chitosan oligosaccharide, exhibits oral activity and possesses significant antioxidant properties [1][2].
In vivo	Chitobiose, administered orally at dosages of 30, 100, and 300 mg/kg, gains entry into the circulatory system [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9383 mL	14.6916 mL	29.3832 mL
5 mM	0.5877 mL	2.9383 mL	5.8766 mL
10 mM	0.2938 mL	1.4692 mL	2.9383 mL
50 mM	0.0588 mL	0.2938 mL	0.5877 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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