
Product Data Sheet

Product Name: Chitobiose dihydrochloride

Cat. No.: GC62895

Chemical Properties

Cas. No. 115350-24-8

Formula $C_{12}H_{26}Cl_2N_2O_9$

M.Wt 413.25

Solubility H_2O : 250 mg/mL (604.96 mM; Need ultrasonic)

Storage

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Chitobiose dihydrochloride, a chitosan oligosaccharide, is a dimer of β -1,4-linked glucosamine units[1].

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA