

Product Data Sheet

Product Name: Chitosan hydrochloride

Cat. No.: GD05337

Chemical Properties

Cas. No. 70694-72-3

Formula

M.Wt

Solubility H₂O : 50 mg/mL (Need ultrasonic) Storage 2-8°C

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

Chitosan hydrochloride 80%-90% deacetylated (Chitosan HCl 80%-90% deacetylated) is the deacetylated, hydrochloride form of chitosan. Chitosan hydrochloride 80%-90% deacetylated is a polysaccharide obtained by deacetylating chitin, and exhibits antimicrobial activity against various bacteria and fungi. Chitosan hydrochloride 80%-90% deacetylated is utilized in agriculture, water treatment and pharmaceutical aspects.

Chitosan hydrochloride 80%-90% deacetylated inhibits growth of bacteria and fungi, through binding to the negatively charged bacterial, and disrupting the cell membrane permeability^[1].

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

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