CHITOSAN - OLIGOSACCHARIDES
Code No.: 400433-1
Chitosan Trimer

A series of chitosan - oligosaccharides from dimer to hexamer are prepared by hydrolysis of chitosan from crab shell[1,2]. The ollgomers are composed of beta - 1, 4 - linked D - glucosamine, All oligomers are confirmed by HPLC.

APPEARANCE

White powder

PURITY

Not less than 97%

USES

- Substrates of chitosanase
- Starting materials of synthesis
- Standards of PPC, TLC, HPLC, etc.

STORAGE

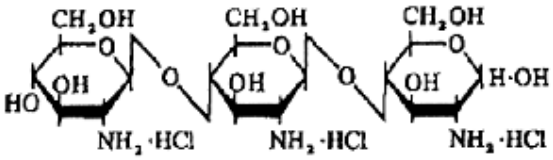
Store in desicsator at 4°C

REFFERENCES

1) Horowitz, S. T., Roseman, S. and Blumenthal. H. J.:*J. Amer. Chem. Soc.,* **79,** 5046 (1957)

2) Distler, J. J. and Roseman S.: *Method in Carbohydrate Chemistry,* **1,** 305 (1962)

Chitosan Trimer
(Chitotriose Hydrochloride)
$C_{18}H_{35}N_3O_{13} \cdot 3HCl$ (610.87)



$[\alpha]_D^{20}$: +25.8°(1%, H_2O)

Chitosan Trimer
(Chitotriose Hydrochloride)

$C_{15}H_{35}N_3O_{13} \cdot 3HCl$ (610.87)

[alpha]$^{20}_D$: + 25.8 ° (1%, H_2O)

NOTE: For laboratory use only. Not for drug, household or other uses.