

Chitin

Chemical Properties

CAS No. : 1398-61-4

Formula:

Molecular Weight:

Keep away from moisture

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	Chitin is a large, structural polysaccharide found in the cell walls of fungi, the exoskeletons of insects, and certain hard structures in fish and invertebrates.
Targets(IC50)	Others,NF- κ B,Endogenous Metabolite,Antifungal

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble),Sonication is recommended. 0.1 M HCl: insoluble 0.1M NaOH: insoluble H2O: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

Chen W, Cao P, Liu Y, et al. Structural basis for directional chitin biosynthesis. Nature. 2022: 1-7.

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