

Product Information

Chitin, Shrimp shells, High MW

Cat. No.: X22-09-ZQ190

Size: 5 g; 25 g

MDL: MFCD00466914

CAS Number: 1398-61-4

Compound CID: 6857375

Synonym: 1398-61-4; Poly-(1->4)-beta-*N*-acetyl-D-glucosamine

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Chitin is a long-chain polymer of <i>N</i> -acetylglucosamine and the second most abundant polysaccharide in nature. Chitin was extracted from shrimp shells. This product can be used in the research of cosmetic products and health care products.
InChI	InChI=1S/C8H15NO6/c1-3(11)9-5-7(13)6(12)4(2-10)15-8(5)14/h4-8,10,12-14H,2H2,1H3,(H,9,11)/t4?,5?,6?,7?,8-/m1/s1
InChI Key	OVRNDRQMDRJTHS-WTZNIHQSSA-N
Canonical SMILES	CC(=O)NC1C(C(C(OC1O)CO)O)O
Isomeric SMILES	CC(=O)NC1[C@@H](OC(C(C1O)O)CO)O
Source	Shrimp shells
Form	Powder
Applications	Chitin can be used in the research of cosmetic products and health care products.
Storage	Store at room temperature.

Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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