

## Product Information

### Chitin, Squid

**Cat. No.:** X22-09-ZQ191

**Size:** 5 g; 25 g

**MDL:** MFCD00466914

**CAS Number:** 1398-61-4

**Compound CID:** 6857375

**Synonym:** 1398-61-4; *N*-[(2*R*)-2,4,5-trihydroxy-6-(hydroxymethyl)oxan-3-yl]acetamide

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

#### Product Information

<b>Description</b>	Chitin is a long-chain polymer of <i>N</i> -acetylglucosamine and the second most abundant polysaccharide in nature. Chitin was extracted from squid. This product can be used in the research of cosmetic products and health care products.
<b>Molecular Weight</b>	[203.19] <sub>n</sub> Da
<b>Molecular Formula</b>	(C <sub>8</sub> H <sub>13</sub> NO <sub>5</sub> ) <sub>n</sub>
<b>InChI</b>	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
<b>InChI Key</b>	OVRNDRQMDRJTHS-WTZNIHQSSA-N
<b>Canonical SMILES</b>	CC(=O)NC1C(C(C(OC1O)CO)O)O
<b>Isomeric SMILES</b>	CC(=O)NC1[C@@H](OC(C(C1O)O)CO)O
<b>Source</b>	Squid
<b>Partical Size</b>	5 mm
<b>Protein Content</b>	<1.00%
<b>Ash Content</b>	<1.00%
<b>Form</b>	Yellow solid
<b>pH</b>	6.0-8.0
<b>Applications</b>	Chitin can be used in the research of cosmetic products and health care products.
<b>Storage</b>	Store at room temperature.

#### Safety Information



**Personal Protective Equipment**      Gloves, eyeshields, N95 mask

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