

## Product Information

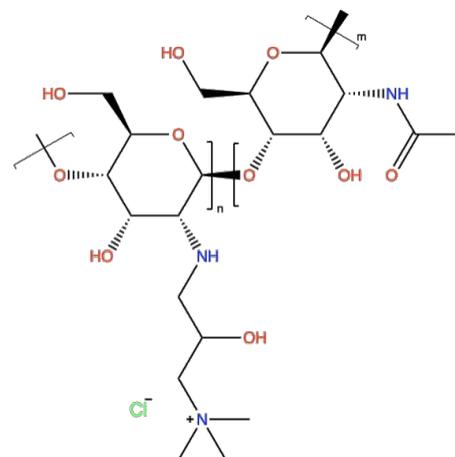
### *N*-(2-Hydroxy) propyl-3-trimethylammonium chitosan chloride

**Cat. No.:** X23-09-YW036

**Size:** 1 g; 2 g

**Synonym:** Chioisan; HTCC; Quaternized Chitosan

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



#### Product Information

<b>Description</b>	The quaternization of the main amine boosts chitosan's water solubility and keeps it soluble throughout a wide pH range.
<b>Molecular Formula</b>	$(C_{12}H_{25}N_2O_5Cl)_n (C_8H_{13}NO_5)_m$
<b>Form</b>	Reported
<b>Purity</b>	Reported, 50% quaternized.
<b>Solubility</b>	Soluble in water.
<b>Applications</b>	Cationically modified chitosan, such as <i>N</i> -(2-Hydroxy)propyl-3-trimethyl ammonium chitosan chloride (HTCC), has outstanding antibacterial and immunostimulant properties.
<b>Storage</b>	Store at 4°C.