

Product Name	: Glycol chitosan
Synonyms	: —
Cat No.	: M23413
CAS Number	: 123938-86-3
Molecular Formula	: —
Formula Weight	: —
Chemical Name	: —
Description	Glycol chitosan is a chitosan derivative with hydrophilic ethylene glycol branches. Glycol chitosan inhibits E. coli, S. aureus, and S. enteritidis growths (MICs: 4 µg/mL, 32 µg/mL, and <0.5 µg/mL). It enhances membrane permeability and leakage in Glycine max Harosoy 63W cells.
Pathway	: GPCR/G Protein
Target	: Antibacterial
Receptor	: E. coli; S. aureus; S. enteritidis
Solubility	: DMSO: 11.67 mg/mL (Need ultrasonic); H ₂ O: 7.5 mg/mL (Need ultrasonic)
SMILES	: —
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Lin F, et al. Glycol Chitosan: A Water-Soluble Polymer for Cell Imaging and Drug Delivery. Molecules. 2019 Nov 29;24(23). pii: E4371.