



## Product Information

### Glycol chitosan methacrylate

**Cat. No.:** X23-09-YW032

**Size:** 1 g; 2 g

**Synonym:** Chitosan hydrogel; Crosslinkble chitosan; Glycol chitosan; Methacrylated glycol chitosan

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

#### Product Information

<b>Description</b>	Glycol chitosan methacrylate can be used in biomaterials and drug delivery. And it also can used to create hydrogel scaffolds for tissue engineering and controlled drug release systems, promoting advancements in biomedicine.
<b>Molecular Formula</b>	$(C_{14}H_{25}NO_8)_n (C_{10}H_{17}NO_6)_m$
<b>Form</b>	Powder
<b>Purity</b>	Reported, ~45% methacrylated.
<b>Identity</b>	Conforms to structure for NMR
<b>Applications</b>	Methacrylated glycol chitosan is photo- and thermally cross-linkable, and it can be used as a precursor in the manufacture of hydrogels for biomedical applications such as drug delivery, tissue engineering, and 3D bioprinting.
<b>Storage</b>	Store at 4°C.