

Product Information

Thiol agent, Xanthan-SH, Purity $\geq 95\%$

Cat. No.: X25-05-YM2497

Size: 100 mg; 250 mg; 500 mg; 1 g; 5 g

Synonym: SH-xanthan; Xanthan-SH

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

Product Information

Description	Xanthan-SH functionalized materials (SH-xanthan synonym) utilize thiolated xanthan for redox-responsive nanoparticle disassembly kinetics.
Glycan Name	Xanthan
Source	Chemical synthesis
Functional Group	Thiol
Form	Solid or powder
Purity	$\geq 95\%$
Impurities	No visible impurities to the naked eye.
Solubility	This product is soluble in most organic solvents, such as DCM, DMF, DMSO, and THF, and exhibits excellent solubility in water.
Identity	Confirmed by NMR.
Stability	It is stable under its storage temperature.
Quality Level	Research level
Applications	Xanthan-SH facilitates thiol-mediated surface grafting for covalent conjugation chemistry in material science.
Storage	Store at -20°C , protect from light and moisture.