

Product Information

Methacrylate agent, Xanthan-methacrylate, Purity $\geq 95\%$

Cat. No.: X25-05-YM2532

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

Synonym: Methacrylate-xanthan; Xanthan-methacrylate

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

Product Information

Description	The methacrylated xanthan polymer xanthan-methacrylate (methacrylate-xanthan) incorporates methacrylate functionality, allowing photocrosslinking of xanthan hydrogels.
Glycan Name	Xanthan
Source	Chemical synthesis
Functional Group	Methacrylate
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-methacrylate supports photocurable hydrogel formulations to explore mechanical rigidity in tissue analogs.
Storage	Store at -20°C , protect from light and moisture.