

Product Information

Acrylamide agent, Xanthan-acrylamide, Purity $\geq 95\%$

Cat. No.: X25-05-YM2508

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

Synonym: Acrylamide-xanthan; Xanthan-acrylamide

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

Product Information

Description	The acrylamide-modified xanthan, termed xanthan-acrylamide or acrylamide-xanthan, incorporates acrylamide as a reactive functional moiety.
Glycan Name	Xanthan
Source	Chemical synthesis
Functional Group	Acrylamide
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-acrylamide facilitates radical polymerization reactions to create photo-crosslinkable hydrogels for cell encapsulation.
Storage	Store at -20°C , protect from light and moisture.