

Product Information

Acrylamide agent, Lentinan-PEG-acrylamide, Purity $\geq 95\%$

Cat. No.: X25-05-YM667

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

Synonym: Lentinan-PEG-acrylamide; Acrylamide-PEG-Lentinan

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

Product Information

Description	Lentinan-PEG-acrylamide, denoted acrylamide-lentinan, constructs a vinyl monomer-conjugated variant through PEG spacers attaching acryloyl groups to lentinan's polysaccharide chains. This radical-polymerizable hybrid preserves triple-helix conformation while facilitating scaffold formation for immune cell encapsulation.
Glycan Structure	Its glycan structure is a β -(1 \rightarrow 3)-linked d-glucose backbone with β -(1 \rightarrow 6)-glucosyl side branches.
Source	Chemical synthesis
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 grade
Applications	Lentinan-PEG-acrylamide can be used for its potential to investigate chloride-PEG interactions in ionic strength-dependent nanoparticle aggregation.
Storage	Store at -20°C , protect from light and moisture.