

Product Information

YIGSR agent, Lentinan-PEG-YIGSR peptide, Purity $\geq 95\%$

Cat. No.: X25-05-YM710

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

Synonym: Lentinan-PEG-YIGSR peptide; YIGSR peptide-PEG-Lentinan

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

Product Information

Description	Lentinan-PEG-YIGSR, called YIGSR-lentinan, develops a laminin-derived peptide conjugate through polyethylene glycol spacers linking adhesion motifs to lentinan's polysaccharide chains. This basement membrane-targeting hybrid maintains helical conformation while inhibiting tumor cell migration.
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-YIGSR peptide can be used for its potential to enhance gene delivery efficiency through poly-L-lysine-PEG modifications in transfection studies.
Storage	Store at -20°C , protect from light and moisture.