

Product Information

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

Cat. No.: X25-05-YM717

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

Synonym: Lentinan-PEG-CPP peptide; CPP peptide-PEG-Lentinan

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

Product Information

Description	Lentinan-PEG-CPP peptide, alternatively called CPP-lentinan, features a bioconjugate system where cell-penetrating peptides (CPP) are anchored to lentinan's triple-helix β -glucan through PEG linkages. The composite material synergizes immunostimulatory actions with DPPS-associated membrane integration capabilities.
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-CPP peptide can be used for its potential to improve cell-penetrating peptide (CPP) efficiency through PEGylation in nuclear localization experiments.
Storage	Store at -20°C , protect from light and moisture.