

Product Information

CCK8 agent, Lentinan-PEG-CCK8 peptide, Purity $\geq 95\%$

Cat. No.: X25-05-YM720

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

Synonym: Lentinan-PEG-CCK8 peptide; CCK8 peptide-PEG-Lentinan

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

Product Information

Description	Lentinan-PEG-CCK8 peptide, termed CCK8-lentinan, comprises a peptide-polysaccharide hybrid formed by conjugating CCK8 sequences to lentinan's triple-helix β -glucan <i>via</i> PEG bridges. This construct integrates biological signaling functions with DPPS-enabled membrane interaction capacities.
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-CCK8 peptide can be used for its potential to explore CCK8 peptide-modified systems for gastrointestinal hormone receptor mapping.
Storage	Store at -20°C , protect from light and moisture.