

Product Information

Ser agent, Lentinan-PEG-serine, Purity $\geq 95\%$

Cat. No.: X25-05-YM728

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

Synonym: Lentinan-PEG-serine; Serine-PEG-Lentinan

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

Product Information

Description	Lentinan-PEG-serine, known as Ser-lentinan, features a hydroxyl-rich conjugate created by linking serine residues to lentinan's β -glucan framework <i>via</i> PEG chains. The design maintains lentinan's triple-helix immunostimulatory structure while incorporating DPPS-mediated membrane interactions.
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-serine can be used for its potential to develop serine-functionalized carriers for mimicking natural phosphorylation sites in signaling studies.
Storage	Store at -20°C , protect from light and moisture.