

Product Information

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

Cat. No.: X25-05-YM513

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

Synonym: Lentinan-serine; Serine-Lentinan

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

Product Information

Description	Lentinan-serine, alternatively termed Ser-lentinan, constitutes a newly synthesized conjugate merging the immunoregulatory β -1,3-1,6-glucan lentinan with Ser. The molecular design capitalizes on lentinan's helical tertiary structure and neoplasm-suppressing qualities <i>via</i> thymic-dependent immune pathway activation.
Glycan Name	Lentinan
Glycan Structure	Its glycan structure is a β -(1→3)-linked d-glucose backbone with β -(1→6)-glucosyl side branches.
Source	Chemical synthesis
Functional Group	Ser
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-serine can be used for its potential to enable conjugation studies to explore immune-modulating peptide interactions during macrophage activation.
Storage	Store at -20°C , protect from light and moisture.