

Product Information

CD agent, Lentinan-cyclodextrin, Purity $\geq 95\%$

Cat. No.: X25-05-YM564

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

Synonym: Lentinan-cyclodextrin; Cyclodextrin-Lentinan

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

Product Information

Description	Lentinan-cyclodextrin, known as CD-lentinan, forms a novel conjugate integrating the immunotherapeutic β -1,3-1,6-glucan lentinan with CD. This engineered structure applies lentinan's three-dimensional helical geometry and tumor-suppressing characteristics through thymic-mediated immune activation processes.
Glycan Name	Lentinan
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
Functional Group	CD
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-cyclodextrin can be used for its potential to develop cyclodextrin complexes for host-guest encapsulation of hydrophobic drug molecules.
Storage	Store at -20°C , protect from light and moisture.