

Product Information

CHEMS agent, Lentinan-cholesterol hemisuccinate, Purity $\geq 95\%$

Cat. No.: X25-05-YM542

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

Synonym: Lentinan-cholesterol hemisuccinate; Cholesterol hemisuccinate-Lentinan

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

Product Information

Description	Lentinan-cholesterol hemisuccinate, called CHEMS-lentinan, represents a modern bioconjugate merging the immunomodulatory β -1,3-1,6-glucan lentinan with CHEMS. This composite design leverages lentinan's three-strand helical geometry and tumor-inhibitory capabilities through thymic-mediated immune response activation.
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	CHEMS
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-cholesterol hemisuccinate can be used for its potential to evaluate cholesterol-hemisuccinate conjugates for lipid raft incorporation in membrane fluidity studies.
Storage	Store at -20°C , protect from light and moisture.