

Product Information

Ce6 agent, Lentinan-chlorin e6, Purity $\geq 95\%$

Cat. No.: X25-05-YM611

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

Synonym: Lentinan-chlorin e6; Chlorin e6-Lentinan

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

Product Information

Description	Lentinan-chlorin e6, referred to as Ce6-lentinan, forms a newly formulated molecular fusion integrating the immune-adjusting β -1,3-1,6-glucan lentinan with Ce6. The synthesized compound leverages lentinan's triplex stranded formation and malignancy-suppressing attributes <i>via</i> thymus-mediated immune system activation pathways.
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	Ce6
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-chlorin e6 can be used for its potential to explore chlorin e6 conjugation for light-triggered reactive oxygen species production in cellular oxidative stress assays.
Storage	Store at -20°C , protect from light and moisture.