

Product Information

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

Cat. No.: X25-05-YM787

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

Synonym: Lentinan-PEG-chlorin e6; Chlorin e6-PEG-Lentinan

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

Product Information

Description	Lentinan-PEG-chlorin e6, called Ce6-lentinan, represents a photosensitizer conjugate created by linking chlorin e6 to lentinan's β -glucan through PEG spacers. The photodynamic therapy system combines light-activated cytotoxicity with lentinan's immunostimulatory actions and DPPS fusogenic properties.
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-chlorin e6 can be used for its potential to investigate chlorin e6 photodynamic activity in singlet oxygen generation assays.
Storage	Store at -20°C, protect from light and moisture.