

Product Information

HMME agent, Lentinan-hematoporphyrin monomethyl ether, Purity $\geq 95\%$

Cat. No.: X25-05-YM588

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

Synonym: Lentinan-hematoporphyrin monomethyl ether; Hematoporphyrin monomethyl ether-Lentinan

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

Product Information

Description	Lentinan-hematoporphyrin monomethyl ether, designated HMME-lentinan, comprises a modern conjugate coupling the immunotherapeutic β -1,3-1,6-glucan lentinan with HMME. This amalgamated entity applies lentinan's three-dimensional helical geometry and tumor-inhibitory properties through thymus-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	HMME
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-hematoporphyrin monomethyl ether can be used for its potential to explore hematoporphyrin conjugates for singlet oxygen generation in photodynamic therapy mechanism research.
Storage	Store at -20°C , protect from light and moisture.