CD BioGlyco
SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-637-6119 | Email: info@bioglyco.com

Product Information

HMME agent, Lentinan-PEG-hematoporphyrin monomethyl ether, Purity ≥95%

Cat. No.: X25-05-YM697

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

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

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

Product Information

Description	Lentinan-PEG-HMME, denoted HMME-lentinan, constructs a photosensitizer-conjugated variant by bonding hematoporphyrin derivatives *via* PEG chains to lentinan's β-1,3-1,6-glucan structure. This photodynamic-immunotherapeutic hybrid preserves triple-helix architecture while enabling light-activated tumor destruction.
Glycan Structure	Its glycan structure is a β-(1→3)-linked d-glucose backbone with β-(1→6)-glucosyl side branches.
Source	Chemical synthesis
Form	Solid or powder
Purity	≥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-hematoporphyrin monomethyl ether can be used for its potential to study raltitrexed-PEG pharmacokinetics in folate receptor-mediated drug retention assays.
Storage	Store at -20°C, protect from light and moisture.