

Hematoporphyrin monomethyl ether Biochemical

Hematoporphyrin monomethyl ether

CATALOG #
AAA227749

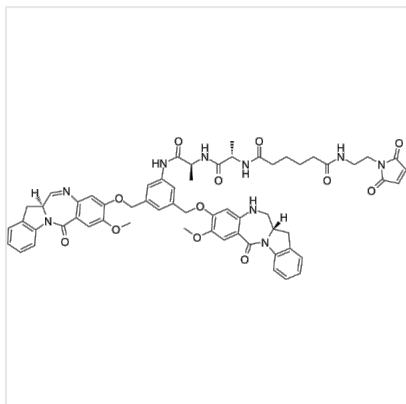
PRODUCT SYNONYMS

Hematoporphyrin monomethyl ether; Hematoporphyrin monomethyl ether biochemical

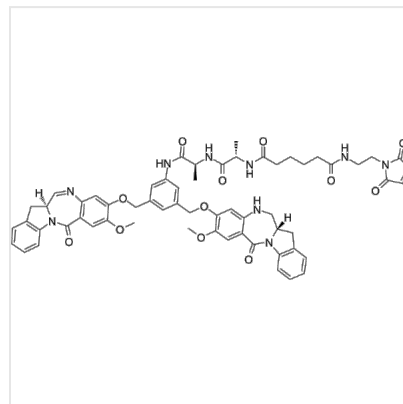
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	148471-91-4
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Hematoporphyrin monomethyl ether (HMME) is a novel and promising porphyrin-related photosensitizer for photodynamic therapy (PDT). HMME-PDT can induce cell death through both necrosis and apoptosis in HeLa cells. ROS, such as singlet oxygen and hydroxyl radical, generated in HeLa cells play a decisive role in HMME-PDT-induced cell death[2].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
DGN549-C, CAS 2058075-34-4



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ADDITIONAL INFORMATION

Related Product Information for Hematoporphyrin monomethyl ether biochemical	Hematoporphyrin monomethyl ether, second generation of porphyrin-related photosensitizer, is characterized by its single form, high yield of singlet oxygen, high selectivity, and low toxicity, which has been widely used in the identification and treatment of various tumors, including lung cancer, bladder cancer, and nevus flammeus and brain glioma.
References	1. Chen Bai, et al. Site-Specific Conjugation of the Indolinobenzodiazepine DGN549 to Antibodies Affords Antibody-Drug Conjugates With an Improved Therapeutic Index as Compared With Lysine Conjugation. Bioconjug Chem

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

