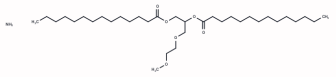
DMG-PEG 2000

Cat. No.: **SN-M-LM098**

Chemical Properties

Product Name	DMG-PEG 2000
Cat. No.	SN-M-LM098
CAS No.	160743-62-4
Molecular Formula	(C2H4O)nC32H62O5
PEG Molecular Weight	2526
Appearance	Solid
Storage	Store at low temperature,Keep away from direct sunlight,Keep away from moisture,
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Solubility	Ethanol: 100 mg/mL (39.59 mM), Sonication is recommended. | 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (0.79 mM), Sonication is recommended. | DMSO: 60 mg/mL (23.75 mM), Sonication is recomme
Purity	98+%

Structure



Biological Description

DMG-PEG 2000 (DMG-PEG2000) can be used for the preparation of lipid nanoparticles for the in vivo delivery of plasmid DNA via oral administration, enhancing the mucosal permeability and delivery efficiency of the nanoparticles. DMG-PEG 2000 can be used for the preparation of liposomes for siRNA transfection, improving transfection efficiency.

Related Products / Keywords

- type II diabete
- therapy
- T2D
- nucleic acid
- lPEI/DNA nanoparticle
- Inhibitor
- inhibit
- HepG2

This product is a research reagent and must not be used for clinical validation or human therapeutic use.