

PEG (2000)-C-DMG

Chemical Properties

CAS No. :	1443687-74-8
Formula:	(C ₂ H ₄ O) _n C ₃₆ H ₆₉ N ₀₇
Molecular Weight:	
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	PEG (2000)-C-DMG is a polyethylene glycolated derivative of 1,2-Dimyristoyl-sn-glycerol and can be combined with other lipids to form lipid nanoparticles (LNP) for siRNA delivery.
Targets(IC50)	Liposome

Solubility Information

Solubility	DMSO: 100 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Reference

- Garber K. Alnylam launches era of RNAi drugs. Nat Biotechnol. 2018;36(9):777-778.
- Adams D, Gonzalez-Duarte A, O'Riordan WD, et al. Patisiran, an RNAi Therapeutic, for Hereditary Transthyretin Amyloidosis. N Engl J Med. 2018;379(1):11-21.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481