

DOPE-PEG-Mal (MW 1000)

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage:

Store at low temperature,High Volatility,Keep away from direct sunlight

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	DOPE-PEG-Mal (MW 1000) is a functionalized phospholipid derivative commonly used in the construction of liposomes and nanoparticles. Its terminal maleimide group allows for stable chemical conjugation with thiol-containing biomolecules (e.g., antibodies or peptides), while the PEG chain enhances the stability and prolongs the blood circulation time of the nanopharmaceuticals in vivo.
Targets(IC50)	Others

Reference

Juliano R L, et al. Liposomes as a drug delivery system for antisense oligonucleotides[J]. Antisense research and development, 1992, 2(2): 165-176.

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