

## DMPE-PEG2000

## Chemical Properties

CAS No. : 261764-82-3

Formula:

Molecular Weight:

Storage: 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	DMPE-PEG2000 (14:0 PEG2000 PE) is a surface-functionalized material that enhances the stability of lipid nanocarriers and improves delivery efficiency to the eyes compared to PEG2000. This compound is particularly suitable for formulating ophthalmic preparations that require sterilization. In Ciprofloxacin nanostructured lipid carriers (NLCs), DMPE-PEG2000 significantly enhances transcorneal drug penetration and distribution within ocular tissues.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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