

N-Hexadecyl-pSar25

Chemical Properties

CAS No. : 120468-76-0

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

N-Hexadecyl-pSar25 is a polypeptide derived from polysarcosine (pSar), featuring a hexadecyl head group and a 25-unit polysarcosine tail. Sarcosine, an amino acid derivative, is being explored as a PEG substitute for in vivo applications due to its biodegradability and significantly reduced antigenicity. This N-Hexadecyl-pSar25 can be utilized in the development of lipid nanoparticles.

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