

N-Tetradecyl-pSar25

Chemical Properties

CAS No. : 120468-71-5

Formula:

Molecular Weight:

Store at low temperature

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-Tetradecyl-pSar25 is a poly(sarcosine) (pSar) derivative composed of a tetradecyl hydrophobic head group covalently linked to a polymeric tail containing 25 repeating poly(sarcosine) units. Sarcosine, the amino acid derivative forming the backbone of this compound, is being developed as a potential substitute for polyethylene glycol (PEG) in in vivo applications due to its advantageous characteristics, which include enhanced biodegradability and substantially reduced antigenicity. N-Tetradecyl-pSar25 is particularly relevant in the formulation and development of lipid nanoparticles, where its structural design contributes to improved delivery and biocompatibility profiles.
Targets(IC50)	Others

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