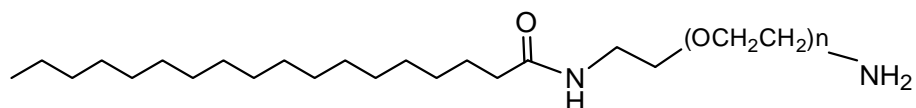


TECHNICAL DATA SHEET**Stearic Acid PEG amine, MW 1000, 2000, 3400, 5000, 10k, 20k**

Catalog Numbers: PG2-AMSA-2k, 3k, 5k, 10k, 20k.

Description:

Stearic acid PEG amine is one of Nanocs' fatty acid lipid PEG derivatives. Stearic acid is an 18 carbon fatty acid with high hydrophobicity. PEG backbone, on the other hand, offers good hydrophilicity and flexible linker structure. Amine group on this stearic acid PEG molecule is reactive to a number of functional groups, such as carboxylic acid, succinimidyl NHS ester, aldehyde, etc. Reaction between amine and other groups enables the conjugation of stearic acid PEG to different substrates. Pegylated fatty acid lipids are excellent drug formulation materials that can be used for drug encapsulation, gene transfection and vaccine delivery.

Product Structure:**Product Specifications:**

- Composition: **Stearic Acid PEG amine.**
- Appearance: White to off white solid.
- Solubility: Soluble in hot water, chloroform, DMSO, etc.
- Reactive group: Amine.

Handling and Use:

Stearic acid PEG amine should always be kept in low temperature in dry condition. Prepare fresh solution right before use. Avoid frequent thaw and freezing. For more information about using this product, visit www.nanocs.net.

Storage Conditions:

Amine PEG stearic acid should be stored at -20°C . Desiccate. Re-test material after 12 months.

This product is for research use only and is not intended for use in humans or for diagnostic use.

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