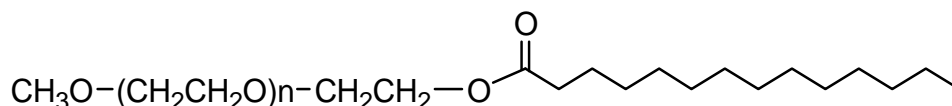


TECHNICAL DATA SHEET**MPEG-Myristic Acid, MW 550, 750, 1000, 2000, 5000, 10k, 20k**

Catalog Numbers: PG1-MTA-550, 750, 1k, 2k, 5k, 10k, 20k.

Description:

mPEG Myristic acid is one of Nanocs' monofunctional fatty acid lipid PEG derivatives that have a myristic acid linked to a linear PEG chain. Myristic acid is a 14 carbon fatty acid lipid with good hydrophobicity. Polyethylene glycol linker, on the other hand, is hydrophilic. Pegylated myristic acid thus demonstrates excellent amphiphilic properties. It offers superior advantages for small and large molecule formulation and delivery. Nanocs provides a variety of multifunctional myristic lipid PEG products that have been used for targeted drug delivery, nanoparticle functionalization and liposome formulation.

Product Structure:**Product Specifications:**

- Composition: **MPEG-Myristic acid**, mPEG-MTA.
- Appearance: White to off-white solid.
- Solubility: >10 mg/mL in hot water, chloroform, ethanol, etc.
- Stability: 12 months at -20 °C.

Handling and Use:

mPEG Myristic acid 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:

Myristic acid PEG 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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