

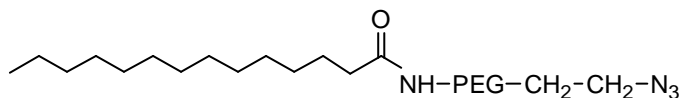
TECHNICAL DATA SHEET**Myristic acid PEG Azide, MW 2000, 3400, 5000, 10k, 20k**

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

Synonym: Azide PEG Myristic acid, Azido PEG Myristic acid, Myristic acid PEG N3.

Description:

Myristic acid PEG azide is one of Nanocs' fatty acid lipid PEG derivatives that can react with alkyne group via Click Chemistry reaction. Myristic acid is a 14 carbon fatty acid with high hydrophobicity. PEG backbone, on the other hand, offers good hydrophilicity. Azide group (-N₃) is commonly used in Click Chemistry to react with linear alkyne catalyzed by copper catalyst. It can also react with strain promoted cyclooctyne, such as DBCO without need any catalyst. Azido PEG myristic acid is an excellent pegylation reagent to modify liposome and other materials or particles through fast and high efficient Click Chemistry reaction.

Product Structure:**Product Specifications:**

- Composition: **Myristic acid PEG Azide.**
- Appearance: White/off-white solid, semi-solid depends on molecular weight.
- Solubility: Soluble in water, chloroform, DMSO.
- Reactive group: Azide.

Handling and Use:

Myristic acid PEG Azide is relatively stable under normal laboratory conditions. For best use, material 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:

Azide PEG myristic acid should be stored at -20 °C. Desiccate. Protect from light. Materials may be handled under inert gas for best stability.

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

To Order:Order online: www.nanocs.netOrder by Email: sales@nanocs.com

Order by phone: 1(800) 344-4221; 1(888) 908-8803

For more information, visit www.nanocs.net