

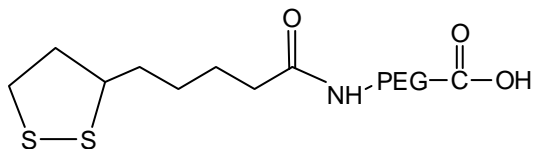
TECHNICAL DATA SHEET**Lipoic acid PEG acid, MW 1000, 2000, 3400, 5000, 10k, 20k**

Catalog Numbers: PG2-CALA-1k, 2k, 3k, 5k, 10k, 20k.

Synonym: LA PEG COOH, COOH PEG Lipoic acid, Thioctic acid PEG COOH

Description:

Lipoic acid PEG COOH is one of Nanocs' reactive lipoic acid PEG derivatives that have a lipoic acid on one terminus of PEG chain and a carboxylic acid (COOH) group on the other PEG end. Lipoic acid, also known as thioctic acid, is an important bioactive molecule participating in various biological processes. It is also a good metal chelator. COOH functionalized **lipoic acid PEG** allows the attachment of lipoic acid to other molecules and materials through reaction between COOH and other functional groups. PEG linker bridged lipoic acid and COOH group offers better water solubility, flexible spacer length and enhanced stability.

Product Structure:**Product Specifications:**

- Composition: **Lipoic acid PEG COOH.**
- Appearance: Pale-yellow solid, semi-solid depends on molecular weight.
- Solubility: Soluble in water, DMSO.
- Function group: Lipoic acid.
- Reactive group: Carboxylic acid.

Handling and Use:

Lipoic acid PEG acid is sensitive to light and temperature. For best use, material should always be kept in low temperature in dry condition. Protect from light. Avoid frequent thaw and freezing. For more

information about using this product, visit www.nanocs.net.

Storage Conditions:

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

Related Products:Lipoic acid PEG FITC
Lipoic acid PEG NHSLipoic acid PEG NH2
Lipoic acid PEG Azide**To Order:**Order online: **www.nanocs.net**Order by Email: sales@nanocs.comOrder by phone: 1(800) 388-4221; 1(888)
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