

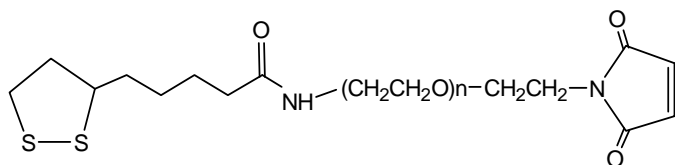
TECHNICAL DATA SHEET**Lipoic acid PEG Maleimide, MW 1000, 2000, 3400, 5000, 10k, 20k**

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

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

Description:

Lipoic acid PEG Maleimide, is one of Nanocs' reactive lipoic acid PEG derivatives that have a lipoic acid on one terminus of PEG chain and a maleimide group on the other PEG end. Lipoic acid, also known as thioctic acid, is an important molecule participating in various biological processes. It is also a good metal chelator. Maleimide reacts with sulfhydryl (thiol) groups at neutral pH with high specificity and efficiency. Reaction between maleimide and thiol allows the attachment of lipoic acid to other molecules and materials quickly and efficiently.

Product Structure:**Product Specifications:**

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

Handling and Use:

Lipoic acid PEG Maleimide 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:

Maleimide 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 6 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 NHS

Lipoic acid PEG NH2

Lipoic acid PEG Azide

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