

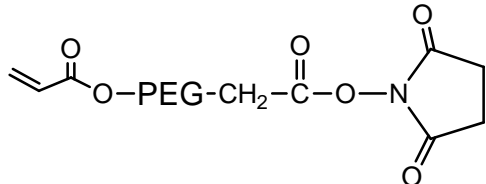
TECHNICAL DATA SHEET**Acryloyl PEG NHS, MW 1000, 2000, 3400, 5000, 10k, 20k**

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

Synonym: Acrylate PEG NHS, NHS PEG Acrylate

Description:

Acryloyl PEG NHS is one of Nanocs' amine reactive polymerizable polyethylene glycol derivatives that contain a terminal Acrylate and a NHS group on each PEG terminus. NHS functional acrylate PEG reacts readily with primary amine groups at alkaline condition; thus enable the efficient attachment of acrylate PEG to modified material surface. Attached acrylate group can react with other acrylate functional molecules via free radical polymerization reactions. Acrylate PEGs are useful for biocompatible and degradable hydrogel synthesis. They are also good pegylation materials for medical device surface modification.

Product Structure:**Product Specifications:**

- Composition: **Acryloyl PEG NHS.**
- Appearance: White/off-white solid, semi-solid depends on molecular weight.
- Solubility: Soluble in water, chloroform, DMSO.
- Stability: >6 months at -20 °C.

Handling and Use:

For best use, **acryloyl PEG NHS** 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:

Acrylate PEG NHS should be stored at -20 °C. Desiccate. 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:

Acrylate PEG NH₂
Acrylate PEG Maleimide
Acrylate PEG azide

Acrylate PEG FITC
Acrylate PEG COOH
Acrylate PEG Biotin

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