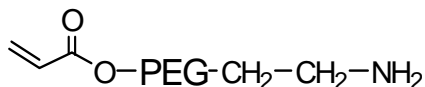


TECHNICAL DATA SHEET**Acryloyl PEG Amine, MW 600, 1000, 2000, 3400, 5000, 10k, 20k**

Catalog Numbers: PG2-AMAR-600, 1k, 2k, 3k, 5k, 10k, 20k.

Description:

Nanocs' acryloyl and amine functionalized polyethylene glycol (**Acryloyl-PEG-amine**) is a polymerizable PEGylation reagent that can be used to attach functional PEGs to other material surfaces through either amine or acrylate group. Acrylate group reacts rapidly with other acrylated containing molecules through acrylation polymerization reactions. Meanwhile, amine group can react with a number of functional groups such as succinimidy ester, aldehyde, carboxylic group, etc. PEGylation can increase solubility and stability of modified materials. It can also suppress the non-specific binding of charged molecules to the modified surfaces.

Product Structure:**Product Specifications:**

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

Handling and Use:

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

Acryloyl PEG amine 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 NHS

Acrylate PEG Maleimide

Acrylate PEG azide

Acrylate PEG FITC

Acrylate PEG COOH

Acrylate PEG Biotin

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