

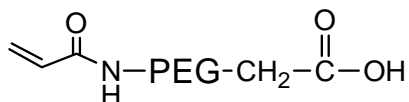
TECHNICAL DATA SHEET**Acrylate PEG Acid, MW 1000, 2000, 3400, 5000, 10k, 20k**

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

Synonym: Acrylamide PEG acid, Acryloyl PEG acid

Description:

Acrylate PEG acid (**Acrylate-PEG-COOH**) is one of Nanocs' polymerizable Pegylation reagents that contain a terminal acrylate and carboxylic group on each PEG terminus. Acrylate group can react with other acrylate containing molecules or materials rapidly via acrylation polymerization reaction. This reaction allows quick attachment of acid PEG to modified material surface. Carboxylic group on this molecule can be activated to react with amine or hydroxyl groups. Pegylation increases 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: **Acrylate PEG acid.**
- 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, **acrylate PEG acid** 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:

Acrylamide PEG acid 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 amine
Acrylate PEG Biotin

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