

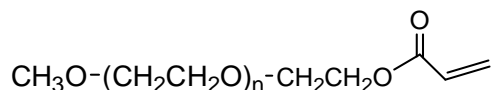
TECHNICAL DATA SHEET**mPEG acrylate, MW 550, 750, 1000, 2000, 5000, 10k, 20k, 30k, 40k**

Catalog Numbers: PG1-ACR-550, 750, 1k, 2k, 5k, 10k, 20k, 30k, 40k.

Synonym: Acrylate PEG, Acryamide PEG, PEG acrylate

Description:

mPEG acrylate is one of Nanocs' polymerizable PEG derivatives that can be used to link polyethylene glycols to other material surfaces through free radical acrylation reaction. PEGylation can increase solubility of modified materials. It can also suppress the non-specific binding of charged molecules to the modified surfaces. Acrylate functionalized PEG is a commonly used polymer to prepare biocompatible and biodegradable hydrogel and other biopolymers.

Product Structure:**Product Specifications:**

- Composition: **mPEG acrylate.**
- Appearance: White/off-white solid, semi-solid depends on molecular weight.
- Solubility: Soluble in water, ethanol, chloroform, DMF, etc.
- Reactive group: Acrylate.

Handling and Use:

Acrylate PEG 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:

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

Acrylate PEG DBCO

Acrylate PEG NHS

Acrylate PEG Maleimide

Acrylate PEG NH₂

Acrylate PEG Azide

Acrylate PEG COOH

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