

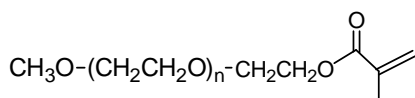
TECHNICAL DATA SHEET**mPEG Methacrylate, MW 350, 550, 750, 1000, 2000, 5000, 10k, 20k, 30k, 40k**

Catalog Numbers: PG1-MAR-350, 550, 750, 1k, 2k, 5k, 10k, 20k, 30k, 40k.

Synonym: Methacrylate PEG.

Description:

mPEG Methacrylate is one of Nanocs' polymerizable PEG derivatives that contain a reactive methacrylate group on the PEG terminus. Methacrylate is able to react with other acrylate or methacrylate groups via free radical acrylation polymerization process. **PEG methacrylate** is water soluble and it is a useful material to prepare hydrogel and other biocompatible, biodegradable polymers. Methacrylate PEG can also be used for particle or device surface modification. Polyethylene glycol modified surface shows better resistance to non-specific binding.

Product Structure:**Product Specifications:**

- Composition: **mPEG methacrylate.**
- Appearance: White/off-white solid, semi-solid or liquid depends on molecular weight.
- Purity: > 95%.
- Reactive group: Methacrylate.

Handling and Use:

mPEG methacrylate should always be kept in low temperature in dry condition. Prepare fresh solution right before use. Protect from light. For more information about using this product, visit www.nanocs.net.

Storage Conditions:

Methacrylate PEG 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:

Methacrylate PEG amine	Methacrylate PEG NHS
Methacrylate PEG FITC	Methacrylate PEG Maleimide
Methacrylate PEG SH	Methacrylate PEG Biotin

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