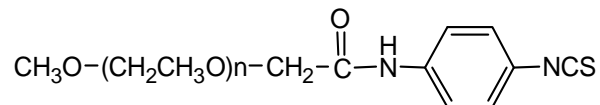


TECHNICAL DATA SHEET**mPEG Isothiocyanate, MW 1000, 2000, 3400, 5000, 10k, 20k, 30k, 40k**

Catalog Numbers: PG1-IT-1k, 2k, 5k, 10k, 20k, 30k, 40k

Description:

Isothiocyanate functionalized polyethylene glycol (mPEG-ITS) is an amine (-NH₂) and thiol (-SH) reactive PEG derivative that can be used to modify proteins, antibodies, peptides or other materials with their available amino or sulfhydryl groups. Reaction between isothiocyanate and those functional groups allows fast and efficient pegylation of biomolecules, particles and device surface.

Product Structure:**Product Specifications:**

- Composition: mPEG isothiocyanate.
- Appearance: White to off-white solid.
- Solubility: >10 mg/mL in water, chloroform, DMSO, DMF.
- Stability: 6 months at -20 °C.

Handling and Use:

For best use, **mPEG isothiocyanate** 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 isothiocyanate should be stored at -20 °C. Desiccate. Re-test material after 3 months.

This product is for research and manufacturing use only and is not intended for use in humans or for diagnostic use.

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