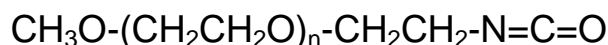


TECHNICAL DATA SHEET**mPEG Isocyanate, MW 1000, 2000, 3400, 5000, 10k, 20k**

Catalog Numbers: PG1-IS-1k, 2k, 5k, 10k, 20k

Description:

Isocyanate functionalized polyethylene glycol (mPEG-ISC) is an amine (-NH₂), hydroxyl (-OH) and thiol (-SH) reactive PEG derivative that can be used to modify protein, peptide or other materials with available amino, hydroxyl or sulfhydryl groups. Reaction between isocyanate and above groups is quickly. Because of its high reactivity, isocyanate PEG is relatively unstable compared with other amine or thiol reactive PEGs.

Product Structure:**Product Specifications:**

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

Handling and Use:

For best use, **PEG isocyanate** 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:

Isocyanate PEG 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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