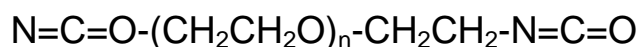

TECHNICAL DATA SHEET**Isocyanate PEG Isocyanate, MW 1000, 2000, 3400, 5000, 10k, 20k**

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

Description:

Isocyanate functionalized polyethylene glycol (ISC-PEG-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 groups. Isocyanate groups react with primary amine, hydroxyl or thiol groups at pH 7.5~9 to form covalent bonds.

Product Structure:**Product Specifications:**

- Composition: Bis-isocyanate PEG.
- 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, material 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:

Product should be stored at -20 °C. Desiccate. Protect from light. 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.