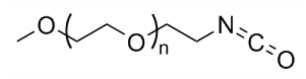
mPEG-Isocyanate

Catalogue No.:abx085500



Polyethylene glycol (PEG) compounds contain a polyether unit, commonly expressed as R_1-(O-CH_2-CH_2)$_n$-O-R_2. They are generally biocompatible, non-toxic and stable in both organic and aqueous solutions, and so are extensively used in biological applications, as well as nanotechnology and materials research. Proteins with PEG chain modifications and compounds encapsulated in PEG liposomes exhibit a longer half-life *in vivo* than their non-PEGylated counterparts, a phenomenon known as PEG shielding. Functionalised PEG lipids and phospholipids can be used for protein-PEG conjugation.

Target: mPEG-Isocyanate

Form: Solid

Purity: ≥ 95% (^{1}H-NMR). Product conforms to structure by ^{1}H-NMR.

Storage: Store between 0 and -5°C. Avoid exposure to light. Ensure the vial lid is sealed when not in use.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only

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