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TECHNICAL DATA SHEET

Fmoc-NH-PEG-NH_2, MW 1000, 2000, 3400, 5000, 10k, 20k, 30k

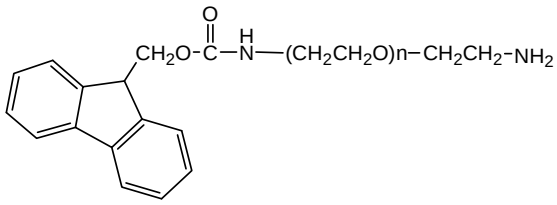
Catalog Numbers: PG2-AMFM-1k, 2k, 3k, 5k, 10k, 20k, 30k.

Synonym: Fmoc PEG amine.

Description:

Fmoc-NH-PEG-NH_2 is one of Nanocs' amine protected PEG derivatives that can be used to modify protein, peptide, particles and other materials via its available free amine group. Fmoc is an amine protecting group, it can be deprotected in piperidine/DMF solution to release protected amine groups for further reaction. Fmoc protected PEG amine allows selective reaction with one amine group on the PEG terminus. PEGylation can increase stability and reduce immunogenicity of pegylated molecules. It can also suppress the non-specific binding of charged molecules to the modified surfaces.

Product Structure:



Product Specifications:

- Composition: Fmoc-NH-PEG-NH_2.
- Appearance: White/off-white solid, semi-solid depends on molecular weight.
- Solubility: 10 mg/mL, clear in water, chloroform, DMF, etc.
- Stability: 12 months at -20 ^{0}C.

Handling and Use:

For best use, **Fmoc PEG amine** 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:

Fmoc-NH-PEG-NH_2 should be stored at -20 ^{0}C. Desiccate. Materials may be handled under inert gas for best stability. Re-test material after 12 months.

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

Related Products:

Fmoc-NH-PEG-NHS
Fmoc-NH-PEG-Maleimide
Fmoc-NH-PEG-COOH
Fmoc-NH-PEG-SH

To Order:

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