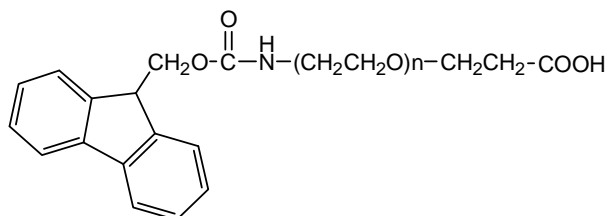


**TECHNICAL DATA SHEET****Fmoc-NH-PEG-COOH, MW 1000, 2000, 3400, 5000, 10k, 20k, 30k**

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

**Description:**

Fmoc protected PEG acid is one of Nanocs' heterobifunctional PEG derivatives that can be used to modify protein, peptide, particles and other materials via available free acid group. Fmoc is an amine protecting group, it can be deprotected in piperidine/DMF solution to release protected amine group for further reaction. Fmoc protected PEG acid allows selective reaction of acid group first, then releasing protected amine group for further reaction.

**Product Structure:****Product Specifications:**

- Composition: Fmoc-NH-PEG-COOH.
- Appearance: White/off-white solid, semi-solid depends on molecular weight.
- Solubility: Soluble in water, ethanol, chloroform, DMF, etc.
- Stability: 12 months at -20 °C.

**Handling and Use:**

For best use, **Fmoc PEG acid** 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](http://www.nanocs.net).

**Storage Conditions:**

**Fmoc-NH-PEG-COOH** should be stored at -20 °C. Desiccate. Protect from light. 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-NH2Fmoc-NH-PEG-Maleimide  
Fmoc-NH-PEG-SH**To Order:**Order online: [www.nanocs.net](http://www.nanocs.net)Order by Email: [sales@nanocs.com](mailto:sales@nanocs.com)

Order by phone: 1(800) 388-4221; 1(888) 908-8803

For more information, visit [www.nanocs.net](http://www.nanocs.net)