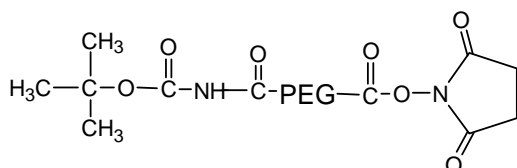


**TECHNICAL DATA SHEET****tBoc-NH-PEG-NHS, Boc-NH-PEG-NHS**

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

**Description:**

Boc protected polyethylene glycol succinimidyl ester (**tBoc-NH-PEG-NHS**) is an amine (-NH<sub>2</sub>) reactive monofunctional PEG derivative that can be used to modify protein, peptide or any other surfaces with available amino groups. NHS esters react with primary amine groups at pH 7~10 to form stable amide bonds. Deprotection of t-Boc group with TFA releases free primary amine group and it can be used for further reactions.

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

- Composition: **t-Boc-NH-PEG-NHS.**
- Appearance: White/Off-white solid or semi-solid depends on molecular weight.
- Solubility: Soluble in water, ethanol, chloroform, DMSO, etc.
- Reactive group: NHS.

**Handling and Use:**

**Boc-NH-PEG-NHS** readily undergo hydrolysis at elevated temperature. 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](http://www.nanocs.net).

**Storage Conditions:**

**Boc-NH-PEG-NHS** should be stored at -20 °C. Desiccate. Protect from light. Materials may be handled under inert gas for best stability. 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.**

**Related Products:**tBoc-NH-PEG COOH  
Fmoc-NH-PEG-NHStBoc-NH-PEG-NH<sub>2</sub>  
Fmoc-NH-PEG-NH<sub>2</sub>**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)  
908-8803For more information, visit [www.nanocs.net](http://www.nanocs.net)