

**TECHNICAL DATA SHEET**

## Amine PEG Amine

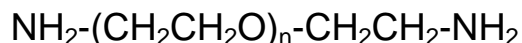
Catalog Numbers: PG2-AM-200, 400, 600, 1k, 2k, 3k, 5k, 10k, 20k, 30k, 40k.

Synonym: Amino PEG amine, NH<sub>2</sub> PEG NH<sub>2</sub>, PEG bis amine

### Description:

**Amine PEG amine** (NH<sub>2</sub>-PEG-NH<sub>2</sub>) is one of Nanocs' reactive homobifunctionalized polyethylene glycol derivatives that contain two primary amine groups on each PEG molecule. Amine group reacts readily with succinimidyl NHS ester, carboxylic acid, aldehyde and many other amine reactive functional groups either in aqueous buffer or in organic solvents. Because of its good reactivity, PEG bis-amine is a useful pegylation reagent to modify proteins, peptides, particles and many other materials. Our bis-amino PEG derivatives have high purity, narrow molecular weight distribution and wide selection of different size. These amino PEGs are readily soluble both in water and all pegylation reactions can be carried out in aqueous buffer.

### Product Structure:



### Product Specifications:

- Composition: **Amine PEG Amine.**
- Appearance: White/off-white solid, semi-solid or liquid depends on molecular weight.
- Solubility: 10 mg/mL, clear in water, chloroform, DMSO, etc.
- Reactive group: Primary amine (-NH<sub>2</sub>).

### Handling and Use:

**PEG bis-amine** is relatively stable in low temperature. 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](http://www.nanocs.net).

### Storage Conditions:

**Amino PEG amine** should be stored at 4–8 °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:

FITC PEG Amine  
Amino PEG Azide  
Amino PEG DBCO

Amino PEG Thiol  
Maleimide PEG amine  
Amino PEG Biotin

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