

TECHNICAL DATA SHEET**Azide PEG Amine, MW 400, 600, 1000, 2000, 3400, 5000, 10k, 20k**

Catalog Numbers: PG2-AMAZ-400, 600, 1k, 2k, 3k, 5k, 10k, 20k.

Synonym: Azido PEG amine, Azido PEG NH₂, Azide PEG NH₂, N₃ PEG NH₂, Amino PEG azide, Amino PEG N₃**Description:**

Azide PEG amine, also called **azido PEG amine**, (**N₃-PEG-NH₂**) is one of Nanocs' Click Chemistry PEG reagents that contain a terminal azide and amine group on each PEG terminus. **Azide** group reacts readily with linear alkyne group catalyzed by copper catalyst. It can also react directly with strained alkyne molecules such as **DBCO** without need any catalyst. Meanwhile, amine groups can be used to react with a number of amine reactive groups such as carboxylic acids, succinimidyl NHS ester, aldehydes and many others. PEG linker between azide and amine group offers better water solubility, less steric hindrance and enhanced stability. Compared to other Click chemistry reagents, Nanocs' **Azido PEG amines** are soluble in water and all reactions can be carried out in aqueous buffer without need any organic solvents.

right before use. Avoid frequent thaw and freezing. For more information about using this product, visit www.nanocs.net.

Storage Conditions:

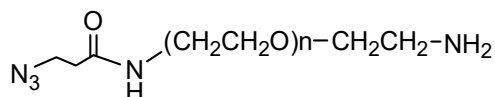
Azide PEG amine should be stored at -20 °C. Desiccate. Materials may be handled under inert gas for best stability. Re-test material after 12 months.

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

Related Products:

Azide PEG NHS
Azide PEG COOH
Azide PEG Thiol

Azide PEG Maleimide
Azide PEG Biotin
FITC PEG Azide

Product Structure:**Product Specifications:**

- Composition: **Azide PEG amine.**
- Appearance: White/off-white solid or viscous liquid.
- Solubility: Soluble in water, ethanol, chloroform, DMF, DMSO, etc.
- Reactive groups: Azide and amine.

Handling and Use:

Azido PEG amine should always be kept in low temperature in dry condition. Prepare fresh solution

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