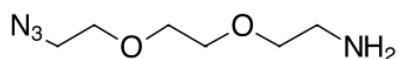


## Azide-PEG3-amine

<http://www.lumiprobe.com/p/azido-peg3-amine-cas-166388-57-4>

Azide-PEG3-amine is a bifunctional reagent with an azide group, and an amine group flanking triethylene glycol. This linker is useful for the conjugation of carboxylic derivatives (by acylation of the amine group) with alkynes (via a click chemistry reaction).



### Structure of Azide-PEG3-amine (CAS# 166388-57-4)

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#### General properties

Appearance: colorless/yellowish oil

Molecular weight: 174.2

CAS number: 166388-57-4

Molecular formula: C<sub>6</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub>

IUPAC name: 1-Amino-8-azido-3,6-dioxaoctane

Solubility: good in water and most organic solvents

Quality control: NMR <sup>1</sup>H, GCMS (95%)

Storage conditions: Storage: 24 months after receipt at -20°C. Transportation: at room temperature for up to 3 weeks. Desiccate.