

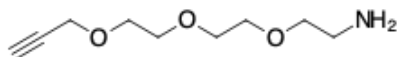
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## Alkyne-PEG3-amine

<http://www.lumiprobe.com/p/alkyne-peg3-amine-932741-19-0>

Alkyne-PEG3-amine is a heterobifunctional molecule based on triethyleneglycol (PEG3) scaffold. It contains amine and alkyne functional groups. The former can be conjugated with various electrophiles. The latter is suitable for copper-catalyzed click chemistry and Sonogashira coupling.

PEG linkers are hydrophilic linkers of choice for conjugating biomolecules.



**Structure of Alkyne-PEG3-Amine**

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### General properties

Appearance: colorless/yellowish liquid

Molecular weight: 187.24

CAS number: 932741-19-0

Molecular formula: C<sub>9</sub>H<sub>17</sub>NO<sub>3</sub>

Solubility: mixable with water, good in polar organic solvents

Quality control: NMR <sup>1</sup>H, GC-MS (95%)

Storage conditions: Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.