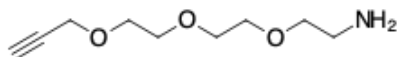


Alkyne-PEG3-amine

<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 the conjugation of biomolecules.



Structure of Alkyne-PEG3-Amine

General properties

Appearance: colorless/yellowish liquid

Molecular weight: 187.24

CAS number: 932741-19-0

Molecular formula: C₉H₁₇NO₃

Solubility: mixable with water, good in polar organic solvents

Quality control: NMR ¹H, 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.