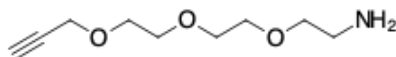

Alkyne-PEG3-amine

<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

General properties

Appearance: colorless/yellowish liquid

Molecular weight: 187.24

CAS number: 932741-19-0

Molecular formula: $C_9H_{17}NO_3$

Solubility: mixable with water, good in polar organic solvents

Quality control: NMR 1H , GC-MS (95%)

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

Legal statement: This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.