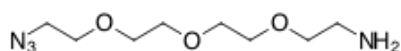

Azide-PEG4-amine

<http://www.lumiprobe.com/p/azide-peg4-amine-134179-38-7>

Oligoethylene glycols are versatile hydrophilic linkers. Each monomer has a length of 3.43 Å, so the length of PEG4 is around 14 Å (1.4 nm).

Azide-PEG4-amine is a bifunctional compound with an amine group that can be modified by acylation by activated esters or similar carbonyl compounds and an azide group that is suitable for click chemistry reactions. PEG4 is highly hydrophilic and biocompatible.



Structure of Azide-PEG4-Amine (CAS# 134179-38-7)

General properties

Appearance: colorless to yellowish liquid

Molecular weight: 218.25

CAS number: 134179-38-7

Molecular formula: C₈H₁₈N₄O₃

Solubility: miscible with water, polar organic solvents

Quality control: NMR ¹H, GC-MS (95%)

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