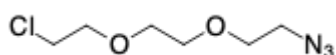

Azide-PEG3-chloride

<http://www.lumiprobe.com/p/chloro-peg3-azide>

Azide-PEG3-chloride is a heterobifunctional linker bearing a reactive chloride for the alkylation of various nucleophilic groups. Due to anchimeric assistance from oxygen, this atom is more reactive than in normal alkyl chlorides. The other reactive group is azide. It can be conjugated via click chemistry or reduced to an amine group to be later acylated with reactive carbonyl compounds.

PEG3 is a versatile hydrophilic linker for bioconjugation.



Structure of chloro-PEG3-azide

General properties

Appearance: colorless oil

Molecular weight: 193.63

CAS number: 1301708-62-2

Molecular formula: C₆H₁₂N₃ClO₂

IUPAC name: 1-(2-Azidoethoxy)-2-(2-chloroethoxy)ethane

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.

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.