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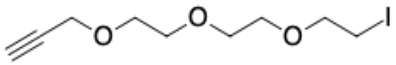
Alkyne-PEG3-iodide

http://www.lumiprobe.com/p/alkyne-peg3-iodide

Alkyne-PEG3-iodide (or Iodo-PEG3-alkyne) is a hydrophilic bifunctional PEG derivative for the alkylation of nucleophilic groups and copper-catalyzed click chemistry. As compared with chloride and bromide, iodide is the halogen group that is the most active in alkylation reactions.



Structure of Alkyne-PEG3-iodide

General properties

Appearance:	yellow oil
Molecular weight:	298.12
CAS number:	1234387-35-9
Molecular formula:	$C_9H_{15}IO_3$
IUPAC name:	3-[2-[2-(2-iodoethoxy)ethoxy]ethoxy]-1-propyne
Solubility:	good in water, polar organic solvents
Quality control:	NMR ^{1}H, GC-MS (95%)
Storage conditions:	Storage: 24 months after receival 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.