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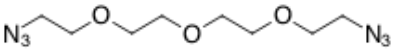
Azide-PEG4-azide

http://www.lumiprobe.com/p/azide-peg4-azide-101187-39-7

PEG4 diazide is a hydrophilic linker with two azide groups. Both can be modified by click chemistry, either by a copper catalyzed reaction with terminal alkynes, or by a copper-free reaction with cycloalkynes. Azides can also participate in the Staudinger ligation reaction.

This diazide is useful for the synthesis of dimeric molecules by click chemistry.



Structure of PEG4 diazide

General properties

Appearance:	colorless liquid
Molecular weight:	244.25
CAS number:	101187-39-7
Molecular formula:	$C_8H_{16}N_6O_3$
Solubility:	miscible with water, polar organic solvents
Storage conditions:	Storage: 24 months after receival at -20°C. 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.