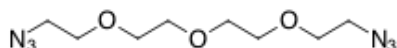

Azide-PEG4-azide

<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: C₈H₁₆N₆O₃

Solubility: miscible with water, polar organic solvents

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