

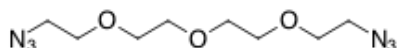
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## Azide-PEG4-azide

<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**

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### General properties

Appearance: colorless liquid

Molecular weight: 244.25

CAS number: 101187-39-7

Molecular formula: C<sub>8</sub>H<sub>16</sub>N<sub>6</sub>O<sub>3</sub>

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.

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