

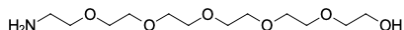
## Amine-PEG6-OH

<http://www.lumiprobe.com/p/amine-peg6-oh-39160-70-8>

Amino-PEG6-alcohol is a heterobifunctional crosslinker containing terminal amino and hydroxyl groups and hexaethylene glycol (PEG6) spacer between them.

The amino group is highly reactive and can undergo reactions with carboxylic acids, activated esters (NHS, STP, etc.), carbonyls (such as ketones and aldehydes), and more. The hydroxyl group can be modified to introduce other reactive functional groups.

The presence of the long hydrophilic PEG spacer enhances the solubility of the compound in water.



**Structure of Amine-PEG6-OH**

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### General properties

Appearance: light yellow oily liquid

Molecular weight: 281.35

CAS number: 39160-70-8

Molecular formula: C<sub>12</sub>H<sub>27</sub>NO<sub>6</sub>

IUPAC name: 2-[2-[2-[2-(2-Aminoethoxy)ethoxy]ethoxy]ethoxy]ethanol

Quality control: NMR <sup>1</sup>H and HPLC-MS (95+%)

Storage conditions: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

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