

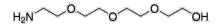
## Amine-PEG4-OH

http://www.lumiprobe.com/p/amine-peg4-alcohol

This compound is a PEG-linker with four monomer units (PEG4) with terminal hydroxy and amino groups for biomolecule conjugation.

Primary amines readily react with activated carboxyl groups, and the terminal hydroxyl group in the crosslinker can react with esters, azides, amines, and halogen derivatives in various conditions.

Polyethylene glycol linkers have low molecular weight, are non-toxic, and form conjugates with increased solubility. The field of use of these molecules is rather wide, varying from synthesis of new polymers to biomedicine.



**Structure of Amine-PEG4-OH** 

## **General properties**

Appearance:	colorless to yellowish oil
Molecular weight:	193.24
CAS number:	86770-74-3
Molecular formula:	C <sub>8</sub> H <sub>19</sub> NO <sub>4</sub>
IUPAC name:	2-[2-[2-(2-aminoethoxy)ethoxy]ethanol
Solubility:	miscible with water, polar organic solvents
Quality control:	NMR <sup>1</sup> 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.
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.