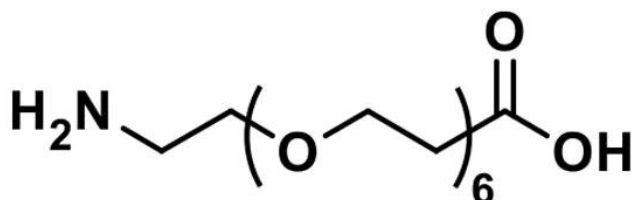




## **AMINO-DPEG®<sub>6</sub>-ACID**

**SKU:** QBD-10067



## **DESCRIPTION**

Amino-dPEG®<sub>6</sub>-acid, product number QBD-10067, is a PEGylated amino acid consisting of a primary amine and a propionic acid on opposite ends of a polyethylene glycol (PEG) spacer. The flexible PEG spacer is discrete (Đ = 1), having a single chain length and molecular weight. Moreover, it is highly hydrophilic, increasing the hydrodynamic volume and imparting water solubility to conjugates that incorporate it. Furthermore, Amino-dPEG®<sub>6</sub>-acid is helpful in wide-ranging applications, including peptide synthesis, surface modification, dendrimer construction, and small molecule modification.

## **SPECIFICATIONS**

|                         |                                                 |
|-------------------------|-------------------------------------------------|
| <b>CAS Number</b>       | 905954-28-1                                     |
| <b>Molecular Weight</b> | 353.41; single compound                         |
| <b>Chemical Formula</b> | C <sub>15</sub> H <sub>31</sub> NO <sub>8</sub> |
| <b>Purity</b>           | > 98%                                           |
| <b>Unit Size</b>        | 100 mg, 1000 mg                                 |
| <b>Solubility</b>       | DMAC or DMSO or water.                          |
| <b>Spacers</b>          | dPEG® Spacer is 22 atoms and 25.1 Å             |

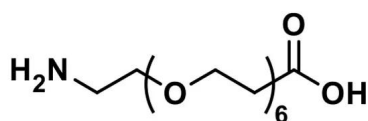
**For research use only. Not intended for therapeutic or diagnostic use in animals or humans.**



## Storage Instructions

## DOCUMENTS

- ## GALLERY IMAGES



<https://vectorlabs.com/products/amino-dpeg6-acid/>