

AMINO-DPEG®6-ACID

SKU: QBD-10067

Amino-dPEG@6-acid, product number 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 (D = 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@6-acid is helpful in wide-ranging applications, including peptide synthesis, surface modification, dendrimer construction, and small molecule modification.

Specifications

Unit Size 100 mg, 1000 mg

Molecular Weight 353.41; single compound

Chemical formula C₁₅H₃₁NO₈

CAS 905954-28-1

Purity > 98%

Spacers dPEG® Spacer is 22 atoms and 25.1 Å

Shipping Ambient

Typical solubility properties (for

additional information DMAC or DMSO or water.

contact Customer

Support)

For research use only. Not intended for animal or human therapeutic or diagnostic use.





Storage and handling

-20°C; Always let come to room temperature before opening; be careful to limit exposure to moisture and restore under an inert atmosphere; stock solutions can be prepared with dry solvent and kept for several days (freeze when not in use). dPEG® pegylation compounds are generally hygroscopic and should be treated as such. This will be less noticeable with liquids, but the solids will become tacky and difficult to manipulate, if care is not taken to minimize air exposure.

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