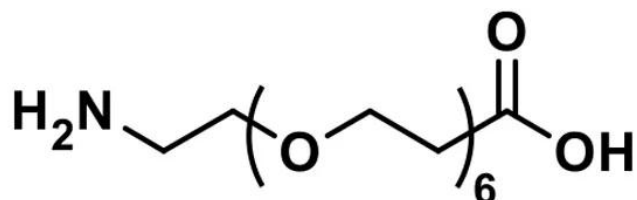


AMINO-DPEG®₆-ACID

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 (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®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	C ₁₅ H ₃₁ NO ₈
CAS	905954-28-1
Purity	> 98%
Spacers	dPEG® Spacer is 22 atoms and 25.1 Å
Shipping	Ambient
Typical solubility properties (for additional information contact Customer Support)	DMAC or DMSO or water.

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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