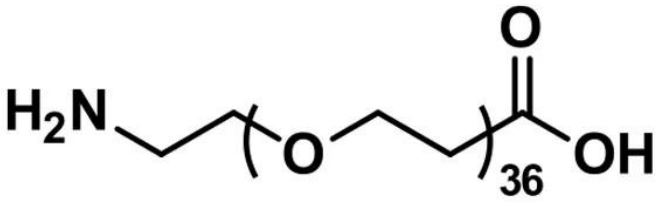
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AMINO-DPEG®36-ACID

SKU: QBD-10907



DESCRIPTION

Amino-dPEG®36-acid, product number QBD-10907, is a PEGylated amino acid. A primary amine group and a propionic acid group sit on opposite ends of a long (111 atoms, 132.7 Å), single molecular weight polyethylene glycol (PEG) spacer with a discrete chain length (dPEG®). The highly hydrophilic, discrete PEG spacer (Đ = 1) increases the hydrodynamic volume and imparts water solubility to conjugates that incorporate it. Moreover, Amino-dPEG®36-acid may benefit numerous applications, including peptide synthesis, peptide modification, surface modification, oligonucleotide sequencing, drug delivery, and small molecule modification.

SPECIFICATIONS

CAS Number	756526-07-4
Molecular Weight	1674.99; single compound
Chemical Formula	$C_{75}H_{151}NO_{38}$
Purity	> 98%
Unit Size	100mg, 1000mg
Solubility	Methylene chloride, DMAC or DMSO or water.
Spacers	dPEG® Spacer is 111 atoms and 132.7 Å

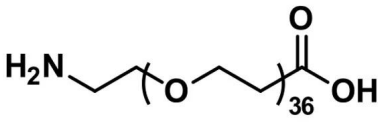
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

Storage Instructions	-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.
Shipping Instructions	Ambient

DOCUMENTS

- Safety Data Sheet
- Datasheet

GALLERY IMAGES



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