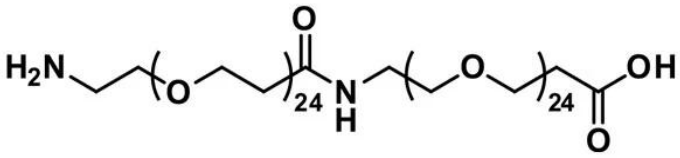
www.vectorlabs.com
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AMINO-DPEG®24-AMIDO-DPEG®24-ACID

SKU: QBD-11305



DESCRIPTION

Amino-dPEG®24-amido-dPEG®24-acid, product number QBD-10907, is a PEGylated amino acid consisting of a primary amine group on one end and a propionic acid group sit on opposite ends of a long (152 atoms, 178.9 Å), single molecular weight polyethylene glycol (PEG) spacer with a discrete chain length (dPEG®). The dPEG® spacer consists of two dPEG®24 chains joined by an amide bond, giving the spacer the effective length of a dPEG48 linker. The highly hydrophilic, discrete PEG spacer (Đ = 1) increases the hydrodynamic volume and imparts water solubility to conjugates that incorporate it. Moreover, Amino-dPEG®24-amido-dPEG®24-acid may benefit numerous applications, including peptide synthesis, peptide modification, surface modification, oligonucleotide sequencing, drug delivery, and small molecule modification.

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	2274.72; single compound
Chemical Formula	$C_{102}H_{204}N_2O_{51}$
Purity	> 97%
Unit Size	100 mg, 1000 mg
Solubility	DMAC or DMSO or water.
Spacers	dPEG® Spacer is 152 atoms and 178.9 Å

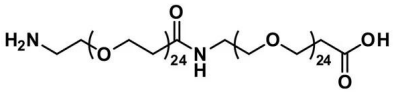
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

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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