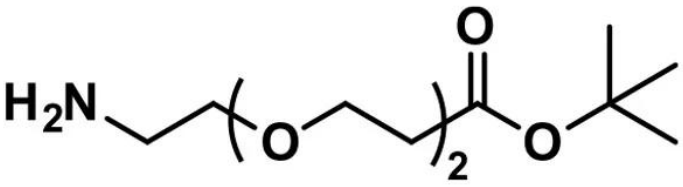
www.vectorlabs.com
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AMINO-DPEG®₂-T-BUTYL ESTER

SKU: QBD-10264



DESCRIPTION

Amino-dPEG®2–t-butyl ester, product number QBD-10264, is a monodispersed polyethylene glycol (PEG) crosslinker containing a primary amino group and a tert-butyl ester-protected propionic acid group. The terminal amine reacts with carboxylates to form amide bonds and with aldehydes and ketones to form semi-labile, reducible Schiff bases. The tert-butyl ester protecting group removes easily with trifluoroacetic acid (TFA), leaving the propionic acid free to react with amines or form an active ester with N-hydroxysuccinimide (NHS) or 2,3,5,6-tetrafluorophenol (TFP). This compound is useful as a building block in supramolecular construction, a peptide modification reagent, a surface coating for biomolecules and inorganic/metal surfaces, or for protein modification.

SPECIFICATIONS

CAS Number	756525-95-8
Molecular Weight	233.30; single compound
Chemical Formula	$C_{11}H_{23}NO_4$
Purity	> 98%
Unit Size	100 mg, 1000 mg
Solubility	Methylene chloride, DMAC, or DMSO.
Spacers	dPEG® Spacer is 10 atoms and 10.9 Å

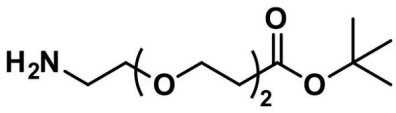
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

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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