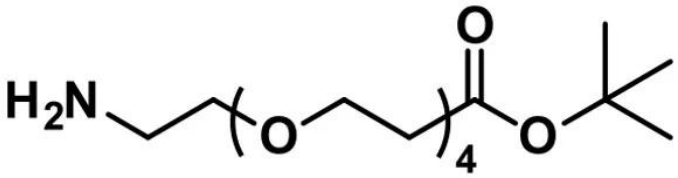
www.vectorlabs.com
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Telephone: (650) 697-3600

AMINO-DPEG®₄-T-BUTYL ESTER

SKU: QBD-10221



DESCRIPTION

Amino-dPEG®4–t-butyl ester, product number QBD-10221, is a PEG modification reagent consisting of a primary amino group and the tert-butyl ester of a propionic acid group on either end of a monodisperse PEG4 spacer. The terminal amine reacts with carboxylates to form amide bonds and with aldehydes and ketones to form semi-labile, reducible Schiff bases. Trifluoroacetic acid (TFA) effectively removes the tert-butyl ester protecting group, thus freeing the propionic acid for reaction with amines or formation of an active ester with N-hydroxysuccinimide (NHS) or 2,3,5,6-tetrafluorophenol (TFP).

SPECIFICATIONS

CAS Number	581065-95-4
Molecular Weight	321.41; single compound
Chemical Formula	$C_{15}H_{31}NO_6$
Purity	> 98%
Unit Size	100 mg, 1000 mg
Solubility	Methylene chloride, DMAC, or DMSO.
Spacers	dPEG® Spacer is 16 atoms and 18.0 Å

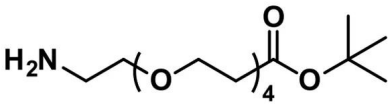
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

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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