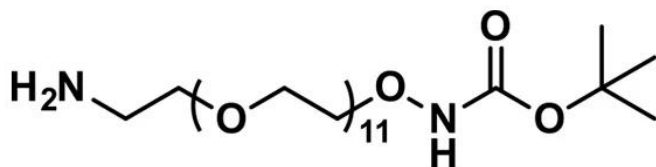




Email: customerservice@vectorlabs.com

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SKU: OBD-11112



Amino-dPEG®11-ONH-t-boc, product number QBD-11112, is a PEGylation reagent that is useful as a building block or modifier. The medium-length (38 atoms, 43.8 Å), single molecular weight discrete PEG (dPEG®) spacer is functionalized with a primary amine and a boc-protected oxyamine at opposite ends of the dPEG® chain. The amine reacts with carboxylic acids and their active esters (NHS, TFP, PFP, etc.) to form stable amide bonds. The oxyamine group reacts with aldehydes and ketones to form non-labile oxime bonds, following removal of the boc protecting group with formic acid or trifluoroacetic acid. The flexible dPEG® spacer increases conjugate molecules' hydrodynamic volume and increases their water solubility. Uses for this compound include building novel crosslinkers and designing water-soluble payload delivery systems.

CAS Number	N/A
Molecular Weight	660.79; single compound
Chemical Formula	C ₂₉ H ₆₀ N ₂ O ₁₄
Purity	> 97%
Unit Size	100mg, 1000mg
Solubility	Methylene chloride, DMAC or DMSO.
Spacers	dPEG® Spacer is 38 atoms and 43.8 Å

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

Amino-dPEG®₁₁-ONH-t-boc

<https://vectorlabs.com/products/amino-dpeg11-onh-t-boc/>



Storage Instructions

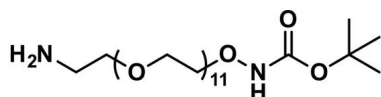
-20°C; Always let come to room temperature before opening; be careful to limit exposure to moisture and restore under an inert atmosphere; stock solutions can be prepared with dry solvent and kept for several days (freeze when not in use). dPEG® pegylation compounds are generally hygroscopic and should 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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