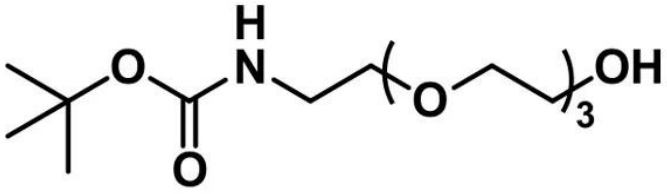
www.vectorlabs.com
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Telephone: (650) 697-3600

T-BOC-N-AMIDO-DPEG®₄-OH

SKU: QBD-10250



DESCRIPTION

t-boc-N-amido-dPEG®4-OH, product number QBD-10250, is a short, monodispersed PEGylation reagent with an alcohol on one end of the single molecular weight, discrete-length PEG (dPEG®) chain and a boc-protected amine on the other end. This product is useful for building novel constructs with dPEG® linkers. This product also permits supramolecular construction and unique side-chain modifications of amino acid residues in peptides.

The terminal alcohol of t-boc-N-amido-dPEG®4-OH can be transformed easily into a different functional group such as an aldehyde or acid. Moreover, the hydroxy group reacts with halide-functionalized compounds to form new products. For example, by reacting propargyl bromide with the terminal hydroxy group in the presence of a base, a dPEG® product with an aliphatic alkyne is formed. Thus, t-boc-N-amido-dPEG®4-OH is a building block for new constructs that incorporate a discrete-length PEGylation product.
The boc-protected amine easily deprotects with trifluoroacetic acid or another acid. The exposed amine may be reacted further or left unmodified.

SPECIFICATIONS

CAS Number	106984-09-2
Molecular Weight	293.36; single compound
Chemical Formula	$C_{13}H_{27}NO_6$
Purity	> 97%

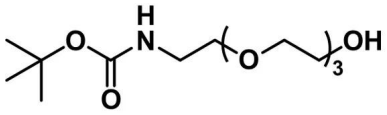
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

Unit Size	100 mg, 1000 mg
Solubility	Methylene chloride, Acetonitrile, DMAC, DMSO or moderate solubility in water.
Spacers	dPEG® Spacer is 13 atoms and 14.3 Å
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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