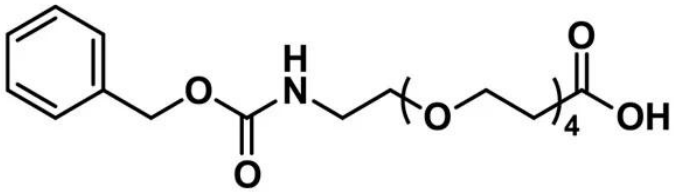
www.vectorlabs.com
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CBZ-N-AMIDO-DPEG®₄-ACID

SKU: QBD-10268



DESCRIPTION

CBZ-N-amido-dPEG®4-acid, product number QBD-10268, is a benzyl carbamate (Cbz) N-protected amino-dPEG®-acid that provides a short, single molecular weight discrete PEG (dPEG®) spacer. Designed for use in peptide synthesis, it can also be used in many other reactions. In peptide synthesis, the removal of the Cbz protecting group is orthogonal to many other protecting groups.

The Cbz protecting group (also called the Z protecting group) is one of the most popular protecting groups for amines. It is stable in mildly basic and acidic conditions. A variety of methods cleave the Cbz group. The most popular cleavage technique is hydrogenolysis, using palladium black or palladium on carbon.

SPECIFICATIONS

CAS Number	756526-00-8
Molecular Weight	399.44; single compound
Chemical Formula	$C_{19}H_{29}NO_8$
Purity	> 98%
Unit Size	100 mg, 1000 mg
Solubility	Methylene chloride, DMAC or DMSO.
Spacers	dPEG® Spacer is 17 atoms and 19.2 Å

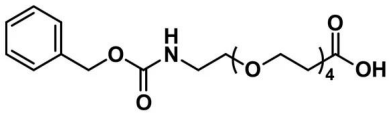
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

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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