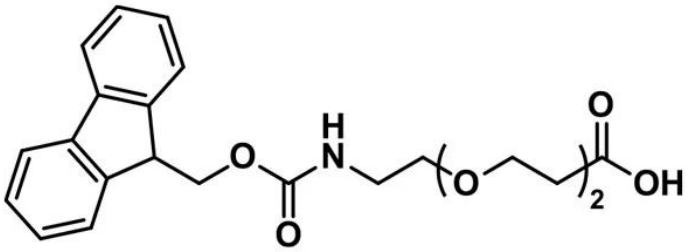
www.vectorlabs.com
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FMOC-N-AMIDO-DPEG®₂-ACID

SKU: QBD-10243



DESCRIPTION

Fmoc-N-amido-dPEG®2-acid, product number QBD-10243, is a peptide synthesis product used to introduce a short (10 atoms), hydrophilic spacer into a peptide chain using standard peptide chemistry. The Fmoc protecting group can be removed using standard peptide chemistry.

Fmoc-N-amido-dPEG®2-acid, QBD-10243, works well in solid-phase and solution-phase synthetic processes. The dPEG® can be joined to the N-terminal end of a peptide chain. After removal of the Fmoc protecting group, further synthesis can be carried out to create a peptide with a flexible hinge. The peptide sequences on either side of the dPEG® spacer can be identical or different.

In addition, the short dPEG® linker can provide spacing between two units in a synthetic construct where steric hindrance is a problem. The amphiphilic nature of dPEG® means that the construct will gain water solubility while remaining soluble in an organic solvent. The Fmoc protecting group removes easily with a solution of piperidine in N,N-dimethylformamide (DMF).

SPECIFICATIONS

CAS Number	872679-70-4
Molecular Weight	399.44; single compound
Chemical Formula	$C_{22}H_{25}NO_6$

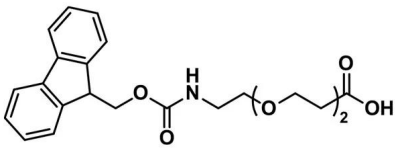
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

Purity	> 98%
Unit Size	1000 mg
Solubility	Methylene chloride, Acetontrile, DMAC or DMSO.
Spacers	dPEG® Spacer is 10 atoms and 10.9 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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