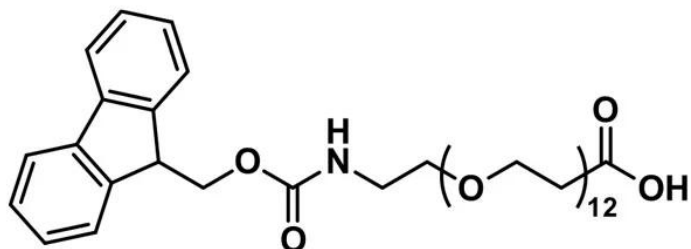




Email: customerservice@vectorlabs.com

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SKU: OBD-10283



Fmoc-N-amido-dPEG®12-acid, product number QBD-10283, is one of a broad line of products designed for use in peptide synthesis. The medium-length (40 atoms), discrete PEG (dPEG®) spacer is functionalized with a propionic acid group on one end and Fmoc-protected amine on the other. The compound can be added to the N-terminus of a growing peptide chain or to a primary-amine-functionalized side chain of an amino acid such as lysine. The dPEG®12 spacer imparts water solubility to the peptide to which it is conjugated.

QBD-10283 permits our customers to insert a medium-length (40 atoms) dPEG® into a peptide chain using familiar Fmoc chemistry. The product works equally well in solid phase and solution phase synthetic processes. The dPEG® can be inserted at either end of the peptide chain or in the middle of two amino acid sequences to provide a flexible spacer between distinct functional peptides. Additionally, the dPEG® spacer can be used to provide spacing 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 organic solvent. The Fmoc protecting group removes easily with a solution of piperidine in N,N-dimethylformamide (DMF).

SPECIFICATIONS

CAS Number	756526-01-9
Molecular Weight	839.96; single compound

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

Fmoc-N-amido-dPEG®₁₂-acid

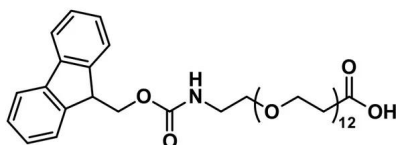
<https://vectorlabs.com/products/fmoc-n-amido-dpeg12-acid/>



DOCUMENTS

- [Safety Data Sheet](#)
- [Datasheet](#)

GALLERY IMAGES



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