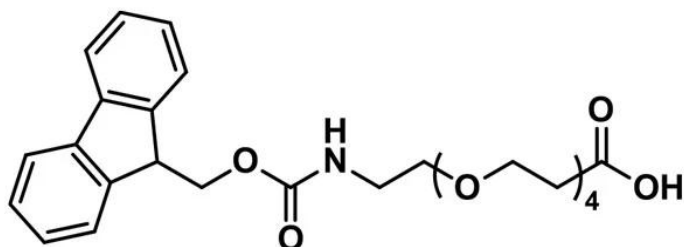




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SKU: OBD-10213



Fmoc-N-amido-dPEG®4-acid, product number QBD-10213, is one of a broad line of products designed for use in peptide synthesis. The short (16 atoms), discrete PEG (dPEG®) spacer is functionalized with a propionic acid group on one end and an 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®4 spacer imparts water solubility to the peptide to which it is conjugated.

QBD-10213 permits our customers to insert a short (16 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 short dPEG® spacer can be used to provide extra distance in a synthetic construct where steric hindrance is a problem. The amphiphilic nature of dPEG® means that the construct will gain some degree of 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 557756-85-1

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

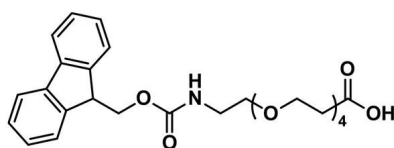
Fmoc-N-amido-dPEG®₄-acid

<https://vectorlabs.com/products/fmoc-n-amido-dpeg4-acid/>



DOCUMENTS

- ## GALLERY IMAGES



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