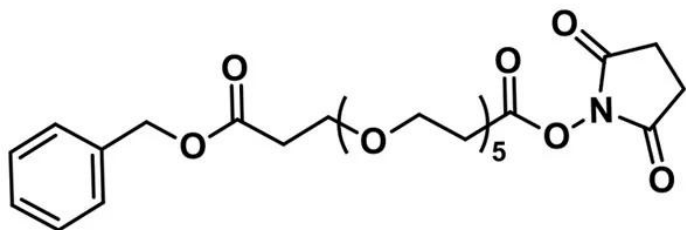




BIS-DPEG®₅, HALF BENZYL HALF NHS ESTER

SKU: QBD-10237



DESCRIPTION

Bis-dPEG®₅, half benzyl half NHS ester, product number QBD-10237, is a short, discrete PEG (dPEG®) modification reagent designed for stepwise reactions with amines. Both ends of the single molecular weight PEG linker terminate with propionic acid groups. One end is functionalized as the N-hydroxysuccinimide (NHS) ester, while the other acid end is protected as the benzyl ester. The benzyl ester can be removed using hydrogen with a palladium catalyst.

The dPEG®₅ linker increases conjugates' hydrodynamic volume and hydrophilicity. QBD-10237 is useful for crosslinking amines under controlled conditions, modifying peptides at N-termini or amine-functionalized side chains, and building supramolecular constructs that require flexible, hydrophilic spacers.

SPECIFICATIONS

CAS Number	1263044-84-3
Molecular Weight	525.55; single compound
Chemical Formula	C ₂₅ H ₃₅ NO ₁₁
Purity	> 97%
Unit Size	100 mg, 1000 mg
Solubility	Methylene chloride, DMAC, or DMSO.
Spacers	dPEG® Spacer is 19 atoms and 21.7 Å

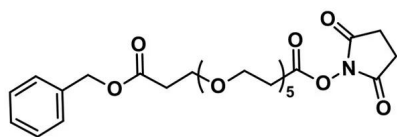
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.



Storage Instructions

DOCUMENTS

- ## GALLERY IMAGES



<https://vectorlabs.com/products/bis-dpeg5-half-benzyl-half-nhs-ester/>