

Product Information

Fmoc-protected Amine/Oxhydryl PEG reagent, Fmoc-PEG6-alcohol, Purity 95%

Cat. No.: X24-03-YW0526

Size: 250 mg; 500 mg; 1 g

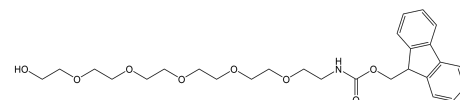
CAS Number: 1884208-29-0

PubChem CID: 134528524

Synonym: 1884208-29-0; Fmoc-NH-PEG6-Oxhydryl; Fmoc-PEG6-Oxhydryl; Fmoc-

NH-PEG6-OH; SCHEMBL20173568

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Fmoc-PEG6-Oxhydryl is a PEG linker containing an Fmoc-protected amine and a terminal hydroxyl group, with a hydrophilic PEG spacer.
Molecular Weight	503.6
Molecular Formula	C ₂₇ H ₃₇ NO ₈
Functional Group 1	Fmoc-protected Amine
Functional Group 2	Oxhydryl
Functional Group 3	None
Reactive Group 1	Acid
Reactive Group 2	Isocyanate
IUPAC Name	9H-Fluoren-9-ylmethyl N -[2-[2-[2-[2-[2-(2-hydroxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethyl]carbamate
InChI	InChI=1S/C27H37NO8/c29-10-12-32-14-16-34-18-20-35-19-17-33-15-13-31-11-9-28-27(30)36-21-26-24-7-3-1-5-22(24)23-6-2-4-8-25(23)26/h1-8,26,29H,9-21H2,(H,28,30)
InChI Key	JQTKONDHKVRJBA-UHFFFAOYSA-N
Canonical SMILES	C1=CC=C2C(=C1)C(C3=CC=CC=C32)COC(=O)NCCOCCOCCOCCOCCOCCO
Form	Solid/liquid
Purity	95%
Identity	Confirmed by NMR.
Applications	Fmoc-PEG6-Oxhydryl is used in peptide synthesis and bioconjugation research, enhancing solubility in aqueous media and facilitating further conjugation through deprotection of the Fmoc group.
Storage	Store at -20°C.

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