

Product Information

Benzyl/Mesyl PEG reagent, Benzyl-PEG6-CH₂CO₂-*t*-Bu, Purity 98%

Cat. No.: X24-03-YW0189

Size: 500 mg; 1 g; 5 g

CAS Number: 1807537-31-0

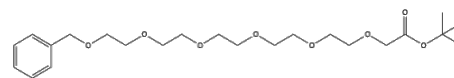
PubChem CID: 86276389

Synonym: 1807537-31-0; Benzyl-PEG6-CH₂CO₂*t*Bu; BnO-PEG5-Boc; *Tert*-butyl

1-phenyl-2,5,8,11,14,17-hexaoxanonadecan-19-oate; *Tert*-butyl

2-[2-[2-[2-[2-(2-phenylmethoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]acetate

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



Product Information

Description	Benzyl-PEG6-CH ₂ CO ₂ <i>t</i> Bu is a PEG linker with acid-labile benzyl and <i>t</i> -butyl groups.
Molecular Weight	442.6
Molecular Formula	C ₂₃ H ₃₈ O ₈
Functional Group 1	Benzyl
Functional Group 2	Mesyl
Functional Group 3	None
IUPAC Name	<i>Tert</i> -butyl 2-[2-[2-[2-[2-(2-phenylmethoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]acetate
InChI	InChI=1S/C23H38O8/c1-23(2,3)31-22(24)20-30-18-16-28-14-12-26-10-9-25-11-13-27-15-17-29-19-21-7-5-4-6-8-21/h4-8H,9-20H2,1-3H3
InChI Key	HTCCPCCHDIEUTN-UHFFFAOYSA-N
Canonical SMILES	CC(C)(C)OC(=O)COCCOCCOCCOCCOCCOCC1=CC=CC=C1
Form	Liquid
Purity	98%
Identity	Confirmed by NMR.
Applications	The hydrophilic PEG linker enhances water solubility in aqueous solutions, facilitating various applications.
Storage	Store at -20°C