

Product Information

NHS PEG reagent, m-PEG4-succinimidyl carbonate, Purity 98%

Cat. No.: X24-09-YYX212

Size: 100 mg; 250 mg; 500 mg

CAS Number: 147912-03-6

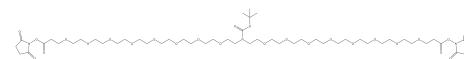
PubChem CID: 59659904

Synonym: 147912-03-6; m-PEG4-succinimidyl carbonate; m-PEG4-O-NHS ester; M-

PEG4-SUCCINIMIDYLCARBONATE; (2,5-dioxopyrrolidin-1-yl)

2-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]ethyl carbonate

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



Product Information

Description	m-PEG4-succinimidyl carbonate functions as a PEG linker characterized by its succinimidyl carbonate group, which acts as an effective leaving group commonly reacting with nucleophilic amines.
Molecular Weight	349.3
Molecular Formula	C ₁₄ H ₂₃ NO ₉
Functional Group 1	NHS
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Amine
IUPAC Name	(2,5-Dioxopyrrolidin-1-yl) 2-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]ethyl carbonate
InChI	InChI=1S/C14H23NO9/c1-19-4-5-20-6-7-21-8-9-22-10-11-23-14(18)24-15-12(16)2-3-13(15)17/h2-11H2,1H3
InChI Key	UCHQKIQOBVMTDI-UHFFFAOYSA-N
Canonical SMILES	COCCOCCOCCOCCOC(=O)ON1C(=O)CCC1=O
Form	Solid or viscous liquid
Purity	98%
Identity	Confirmed by NMR.
Applications	m-PEG4-succinimidyl carbonate is often employed in the synthesis of various PEGylated compounds and the modification of biomaterials.
Storage	Store at -20°C.

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