

Product Information

BCN PEG reagent, Endo-BCN-PEG2-alcohol, Purity 95%

Cat. No.: X24-03-YW0024

Size: 50 mg; 100 mg; 1 g

CAS Number: 1807501-85-4

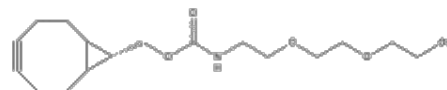
PubChem CID: 91757921

Synonym: 1807501-85-4; Endo-BCN-PEG2-alcohol;

Bicyclo[6.1.0]non-4-yn-9-ylmethyl (2-(2-(2-hydroxyethoxy)ethoxy)ethyl)carbamate;

Endo-BCN-PEG2-OH; Endo-BCN-PEG2-hydroxy

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



Product Information

Description	Endo-BCN-PEG2-alcohol is a click chemistry PEG linker featuring a reactive BCN group. The BCN group efficiently reacts with azide-tagged molecules. The hydroxyl group allows for further derivatization or replacement with other reactive functional groups.
Molecular Weight	325.4
Molecular Formula	C ₁₇ H ₂₇ NO ₅
Functional Group 1	BCN
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Azide
IUPAC Name	9-Bicyclo[6.1.0]non-4-ynylmethyl <i>N</i> -[2-[2-(2-hydroxyethoxy)ethoxy]ethyl]carbamate
InChI	InChI=1S/C17H27NO5/c19-8-10-22-12-11-21-9-7-18-17(20)23-13-16-14-5-3-1-2-4-6-15(14)16/h14-16,19H,3-13H2,(H,18,20)
InChI Key	PEXDOIHAKXYTET-UHFFFAOYSA-N
Canonical SMILES	C1CC2C(C2COC(=O)NCCOCCOCCO)CCC#C1
Form	Liquid
Purity	95%
Solubility	Water, DMSO, DCM, DMF
Identity	Confirmed by NMR.
Applications	Endo-BCN-PEG2-alcohol is essential in bioconjugation, facilitating specific coupling reactions with azide-tagged molecules. Its versatility allows for further modification or replacement of the hydroxyl

group with various functional groups, expanding its utility in diverse research and biotechnological applications, including protein labeling, drug delivery, and biomaterials development.

Storage	Store at -20°C
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