

Product Information

NHS/Propargyl PEG reagent, Propargyl-PEG2-NHS ester, Purity 95%

Cat. No.: X24-10-WXX110

Size: 100 mg; 500 mg; 1 g; 5 g

CAS Number: 2512228-06-5

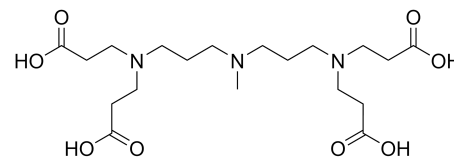
PubChem CID: 88878524

Synonym: Propargyl-PEG2-NHS ester; 2512228-06-5; 2,5-Dioxopyrrolidin-1-yl

3-(2-(prop-2-yn-1-yloxy)ethoxy)propanoate; 2,5-dioxopyrrolidin-1-yl

3-[2-(prop-2-yn-1-yloxy)ethoxy]propanoate; SCHEMBL12092185

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



Product Information

Description	Propargyl-PEG2-NHS ester is a reagent grade PEG linker with a propargyl group, designed for copper-catalyzed azide-alkyne click chemistry reactions. NHS ester that is used to label amine-containing entities.
Molecular Weight	269.3
Molecular Formula	C ₁₂ H ₁₅ NO ₆
Functional Group 1	NHS
Functional Group 2	Propargyl
Functional Group 3	None
Reactive Group 1	Amine
Reactive Group 2	Azide
IUPAC Name	(2,5-dioxopyrrolidin-1-yl) 3-(2-prop-2-ynoxyethoxy)propanoate
InChI	InChI=1S/C12H15NO6/c1-2-6-17-8-9-18-7-5-12(16)19-13-10(14)3-4-11(13)15/h1H,3-9H2
InChI Key	DPJWFTQBPPRKGKGG-UHFFFAOYSA-N
Canonical SMILES	C#CCOCCOCCC(=O)ON1C(=O)CCC1=O
Form	Liquid
Purity	95%
Identity	Confirmed by NMR.
Applications	Propargyl-PEG2-NHS ester is used in molecular biology and bioconjugation research, and efficient recovery of avidin-bound protein complexes in affinity-based assays.
Storage	Store at -20°C.

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