

Product Information

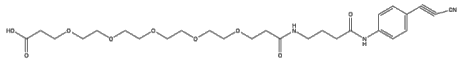
APN PEG reagent, APN-C3-PEG5-acid, Purity 98%

Cat. No.: X24-03-YW0003

Size: 10 mg; 25 mg; 50 mg

Synonym: PEG-based PROTAC linker

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



Product Information

Description	APN-C3-PEG5-acid is a novel thiol-specific conjugation reagent featuring a stable thiol-reactive 3-arylpropionitrile (APN) group. It exhibits excellent stability in aqueous environments, facilitating targeted coupling of thiols in biomolecules.
Molecular Weight	547.6
Molecular Formula	C ₂₇ H ₃₇ N ₃ O ₉
Functional Group 1	APN
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Thiol
Form	Liquid
Purity	98%
Solubility	DMSO, DCM, DMF
Identity	Confirmed by NMR.
Applications	APN-C3-PEG5-acid is essential for specific and stable conjugation of thiols in biomolecules without the risk of side reactions associated with maleimides. It finds wide application in bioconjugation chemistry, enabling precise modification of proteins, peptides, and other biomolecules for various research purposes, including drug delivery, diagnostics, and biotechnology.
Storage	Store at -20°C