

Product Information

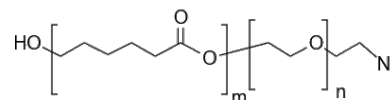
Azide/PCL PEG reagent, PCL(3k)-PEG(1k)-N₃, Purity≥95%

Cat. No.: X24-12-LY0391

Size: 100 mg; 250 mg; 500 mg; 1 g

Synonym: Azide/PCL PEG reagent; PCL(3k)-PEG(1k)-N₃; N₃-PEG(1k)-PCL(3k)

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



Product Information

Description	PCL(3k)-PEG(1k)-N ₃ is an amphiphile block copolymer with hydrophobic polycaprolactone (PCL) and hydrophilic PEG. The terminal azide is reactive with alkyne, such as DBCO, BCN, or terminal alkyne (with Cu catalyst), to form a triazole bond.
Molecular Weight	PCL(3 kDa), PEG(1 kDa)
Functional Group 1	Azide
Functional Group 2	PCL
Functional Group 3	None
Reactive Group 1	Alkyne
Reactive Group 2	DBCO/BCN
Form	Soild
Purity	≥95%
Identity	Confirmed by NMR.
Applications	PCL(3k)-PEG(1k)-N ₃ can be used to modify biomaterials with active groups for targeted molecule delivery.
Storage	Store at -20°C.