

Product Information

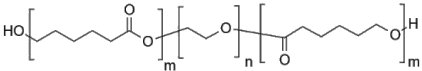
PCL PEG reagent, PCL(6k)-PEG(1k)-PCL(6k), Purity≥95%

Cat. No.: X24-12-LY0402

Size: 500 mg; 1 g; 2 g; 5 g

Synonym: PCL PEG reagent; PCL(6k)-PEG(1k)-PCL(6k)

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



Product Information

Description	PCL(6k)-PEG(1k)-PCL(6k) is a micelle-forming triblock copolymer containing a hydrophilic PEG block and two hydrophobic polycaprolactone (PCL) blocks. The hydroxyl group enables further derivatization or replacement with other reactive functional groups.
Molecular Weight	PCL(6 kDa), PEG(1 kDa), PCL(6 kDa)
Functional Group 1	PCL
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Azide
Form	Soild
Purity	≥95%
Identity	Confirmed by NMR.
Applications	PCL(6k)-PEG(1k)-PCL(6k) can be used to develop systems for the controlled release of antimicrobial agents, reducing bacterial resistance.
Storage	Store at -20°C.