

Product Information

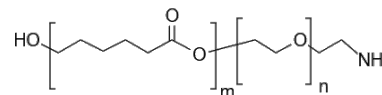
Amine/PCL PEG reagent, PCL(2k)-PEG(5k)-NH₂, Purity≥95%

Cat. No.: X24-12-LY0400

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

Synonym: Amine/PCL PEG reagent; PCL(2k)-PEG(5k)-NH₂; NH₂-PEG(5k)-PCL(2k)

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



Product Information

Description	PCL(2k)-PEG(5k)-NH ₂ is a block copolymer with the arrangement of polycaprolactone (PCL) core and PEG shell. The amine group is reactive with an NHS ester or with a carboxyl (COOH) in the presence of activating agent, such as HATU or EDC, to form a stable amide linkage.
Molecular Weight	PCL(2 kDa), PEG(5 kDa)
Functional Group 1	Amine
Functional Group 2	PCL
Functional Group 3	None
Reactive Group 1	NHS
Form	Soild
Purity	≥95%
Identity	Confirmed by NMR.
Applications	PCL(2k)-PEG(5k)-NH ₂ can be used to develop controlled-release formulations for active molecule agents.
Storage	Store at -20°C.