

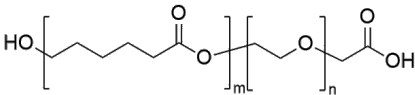
Product Information

Carboxyl/PCL PEG reagent, PCL(5k)-PEG(5k)-COOH, Purity≥95%

Cat. No.: X24-12-LY0239

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

Synonym: Carboxyl/PCL PEG reagent; PCL(5k)-PEG(5k)-COOH; HOOC-PEG(5k)-PCL(5k)



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

Product Information

Description	PCL(5k)-PEG(5k)-COOH is an amphiphile polymer with hydrophobic polycaprolactone (PCL) and hydrophilic PEG. The terminal carboxyl reacts with amine in the presence of an activator (e.g., HATU/EDC) to form an amide bond.
Molecular Weight	PCL(5 kDa), PEG(5 kDa)
Functional Group 1	Carboxyl
Functional Group 2	PCL
Functional Group 3	None
Reactive Group 1	Amine
Form	Solid
Purity	≥95%
Identity	Confirmed by NMR.
Applications	PCL(5k)-PEG(5k)-COOH serves as a biocompatible polymer for molecule delivery systems due to its carboxylic acid functionality.
Storage	Store at -20°C.