

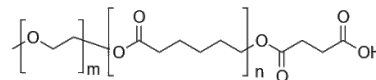
Product Information

Carboxylic acid/PCL PEG reagent, mPEG(2k)-PCL(5k)-COOH, Purity≥95%

Cat. No.: X24-12-LY0361

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

Synonym: Carboxylic acid/PCL PEG reagent; mPEG(2k)-PCL(5k)-COOH; HOOC-PCL(5k)-mPEG(2k)



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

Product Information

Description	mPEG(2k)-PCL(5k)-COOH is one of bioconjugation amphiphilic polymers consists of a polycaprolactone (PCL) block and a mPEG block. The carboxylic acid reacts with primary amines in the presence of an activator (e.g., HATU/EDC) to form an amide bond.
Molecular Weight	mPEG(2 kDa), PCL(5 kDa)
Functional Group 1	Carboxylic acid
Functional Group 2	PCL
Functional Group 3	None
Reactive Group 1	Amine
Form	Soild
Purity	≥95%
Identity	Confirmed by NMR.
Applications	mPEG(2k)-PCL(5k)-COOH can be used to modify the surface of biomaterials to achieve surface functionalization and biocompatibility improvement through the interaction of carboxyl groups with the material surface or biomolecules.
Storage	Store at -20°C.