

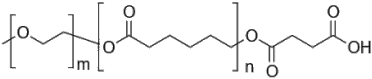
Product Information

Carboxylic acid/PCL PEG reagent, mPEG(750)-PCL(5k)-COOH, Purity≥95%

Cat. No.: X24-12-LY0376

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

Synonym: Carboxylic acid/PCL PEG reagent; mPEG(750)-PCL(5k)-COOH; HOOC-PCL(5k)-mPEG(750)



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

Product Information

Description	mPEG(750)-PCL(5k)-COOH is a carboxyl functionalized amphipathic polymer containing a PCL hydrophobic block and a mPEG hydrophilic 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(750), 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(750)-PCL(5k)-COOH self-assembles to form micelles or nanoparticles that encapsulate hydrophobic molecules for controlled release and improved molecular stability.
Storage	Store at -20°C.