

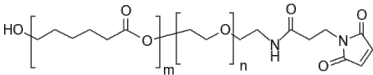
Product Information

Maleimide/PCL PEG reagent, PCL(1k)-PEG(5k)-MAL, Purity≥95%

Cat. No.: X24-12-LY0374

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

Synonym: Maleimide/PCL PEG reagent; PCL(1k)-PEG(5k)-MAL; MAL-PEG(5k)-PCL(1k)



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

Product Information	
Description	PCL(1k)-PEG(5k)-MAL is a micelle-forming polymer containing a hydrophilic PEG block and a polycaprolactone (PCL) block. The maleimide group reacts with a thiol group to form a covalent bond, enabling the connection of biomolecule with a thiol.
Molecular Weight	PCL(1 kDa), PEG(5 kDa)
Functional Group 1	Maleimide
Functional Group 2	PCL
Functional Group 3	None
Reactive Group 1	Thiol
Form	Soild
Purity	≥95%
Identity	Confirmed by NMR.
Applications	PCL(1k)-PEG(5k)-MALL can be used to prepare hydrogels for tissue engineering, providing a biomimetic environment for cell growth.
Storage	Store at -20°C.