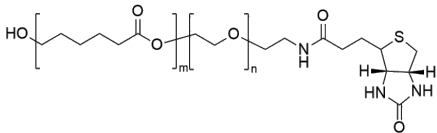


Product Information

Biotin/PCL PEG reagent, PCL(3k)-PEG(2k)-BIO, Purity≥95%

Cat. No.: X24-12-LY0242
Size: 100 mg; 250 mg; 500 mg; 1 g
Synonym: Biotin/PCL PEG reagent; PCL(3k)-PEG(2k)-BIO; BIO-PEG(2k)-PCL(3k)
This product is for research use only and is not intended for diagnostic use.



Product Information	
Description	PCL(3k)-PEG(2k)-BIO is a diblock copolymer with biotin which binds strongly to avidin or streptavidin. The hydrophobic polycaprolactone (PCL) can be hydrolyzed on the ester bonds.
Molecular Weight	PCL(3 kDa), PEG(2 kDa)
Functional Group 1	Biotin
Functional Group 2	PCL
Functional Group 3	None
Reactive Group 1	Avidin
Reactive Group 2	Streptavidin
Form	Solid
Purity	≥95%
Identity	Confirmed by NMR.
Applications	PCL(3k)-PEG(2k)-BIO can be used for the modification of material surfaces to introduce biotin groups. This modified material can be used in the preparation of biosensors, the construction of cell culture media, <i>etc.</i>
Storage	Store at -20°C.