

Product Information

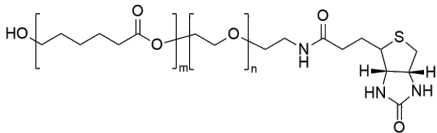
Biotin/PCL PEG reagent, PCL(2k)-PEG(2k)-BIO, Purity≥95%

Cat. No.: X24-12-LY0236

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

Synonym: Biotin/PCL PEG reagent; PCL(2k)-PEG(2k)-BIO; BIO-PEG(2k)-PCL(2k)

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



Product Information

Description	PCL(2k)-PEG(2k)-BIO is a polymer with both hydrophobic (polycaprolactone/PCL) and hydrophilic (PEG) blocks. The biotin strongly binds to avidin/streptavidin. The polycaprolactone (PCL) is biodegradable <i>via</i> - hydrolysis on the ester bonds.
Molecular Weight	PCL(2 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(2k)-PEG(2k)-BIO is designed for applications in biomaterials fields, particularly for the development of biodegradable molecule carriers with enhanced biocompatibility.
Storage	Store at -20°C.