

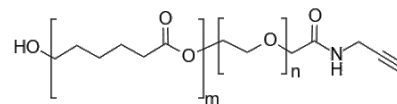
Product Information

Alkyne/PCL PEG reagent, PCL(3k)-PEG(1k)-ALK, Purity≥95%

Cat. No.: X24-12-LY0381

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

Synonym: Alkyne/PCL PEG reagent; PCL(3k)-PEG(1k)-ALK; ALK-PEG(1k)-PCL(3k)



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

Product Information

Description	PCL(3k)-PEG(1k)-ALK is a click polymer containing an amphiphilic (hydrophobic polycaprolactone (PCL) block attached to hydrophilic PEG block. The terminal alkyne reacts with azide moiety in the presence of Cu catalyst or with cyclooctyne, such as DBCO or BCN to form a stable triazole bond.
Molecular Weight	PCL(3 kDa), PEG(1 kDa)
Functional Group 1	Alkyne
Functional Group 2	PCL
Functional Group 3	None
Reactive Group 1	Azide
Form	Soild
Purity	≥95%
Identity	Confirmed by NMR.
Applications	PCL(3k)-PEG(1k)-ALK can be used to covalently or non-covalently modify the surface of a material, modifying its properties and functions.
Storage	Store at -20°C.