

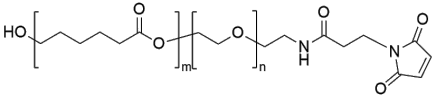
Product Information

Maleimide/PCL PEG reagent, PCL(2k)-PEG(1k)-MAL, Purity≥95%

Cat. No.: X24-12-LY0234

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

Synonym: Maleimide/PCL PEG reagent; PCL(2k)-PEG(1k)-MAL; MAL-PEG(1k)-PCL(2k)



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

Product Information	
Description	PCL(2k)-PEG(1k)-MAL is a maleimide functionalized amphipathic polymer. The maleimide reacts with thiol molecule at pH 6.5-7.5 to form a stable thioether linkage. The polycaprolactone (PCL) is biodegradable <i>via</i> - hydrolysis on the ester bonds.
Molecular Weight	PCL(2 kDa), PEG(1 kDa)
Functional Group 1	Maleimide
Functional Group 2	PCL
Functional Group 3	None
Reactive Group 1	Thiol
Form	Solid
Purity	≥95%
Identity	Confirmed by NMR.
Applications	PCL(2k)-PEG(1k)-MAL is commonly used in the synthesis of hydrogels and for site-specific conjugation of proteins and peptides.
Storage	Store at -20°C.