

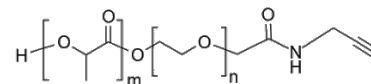
Product Information

Alkyne/PLA PEG reagent, PLA(10k)-PEG(2k)-ALK, Purity≥95%

Cat. No.: X24-12-LY0681

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

Synonym: Alkyne/PLA PEG reagent; PLA(10k)-PEG(2k)-ALK; ALK-PEG(2k)-PLA(10k)



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

Product Information

Description	PLA(10k)-PEG(2k)-ALK consists of PLA of 10k molecular weight linked to PEG of 2k molecular weight by alkyl (ALK) bonding. The presence of PEG improves its biocompatibility and solubility, while the alkyl chain is used for further functionalization.
Molecular Weight	PLA(10 kDa), PEG(2 kDa)
Functional Group 1	Alkyne
Functional Group 2	PLA
Functional Group 3	None
Reactive Group 1	Azide
Form	Soild
Purity	≥95%
Identity	Confirmed by NMR.
Applications	PLA(10k)-PEG(2k)-ALK can be used as a carrier for controlled release and targeted delivery of active molecules by utilizing the water solubility of PEG and the biocompatibility of PLA. The alkyne functional group can also be used for coupling or modification of compounds.
Storage	Store at -20°C.