

Product Information

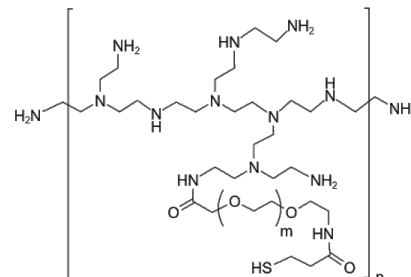
PEI/Thiol PEG reagent, PEI-g(10k)-PEG(2k)-thiol, 20% PEG ratio, Purity≥95%

Cat. No.: X24-12-LY0662

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

Synonym: PEI/Thiol PEG reagent; PEI-g(10k)-PEG(2k)-thiol; Thiol-PEG(2k)-g(10k)-PEI

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



Product Information

Description	PEI-g(10k)-PEG(2k)-Thiol, 20% PEG ratio consists of a branched PEI backbone with a molecular weight of 10 kDa and PEG chain segments with a molecular weight of 2 kDa, with PEG making up 20% of the total polymer.
Molecular Weight	PEI-g(10 kDa), PEG(2 kDa)
Functional Group 1	PEI
Functional Group 2	Thiol
Functional Group 3	None
Reactive Group 1	Maleimide
Reactive Group 2	OPSS
Reactive Group 3	Vinylsulfone
Form	Soild
Purity	≥95%
Identity	Confirmed by NMR.
Applications	PEI-g(10k)-PEG(2k)-Thiol with 20% PEG ratio has potential applications in biomarkers, molecular probes and biosensors. PEI is a cationic polymer with good DNA or RNA transfection properties and can be used as a gene delivery vector.
Storage	Store at -20°C.