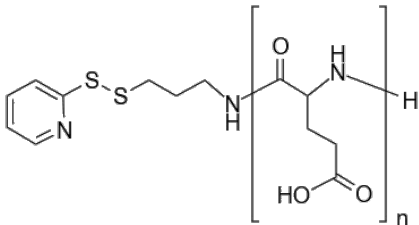


Product Information

Acid/OPSS/pGlu PEG reagent, OPSS-pGlu, MW 10,000, Purity≥95%

Cat. No.: X24-12-LY0620
Size: 100 mg; 250 mg; 500 mg
Synonym: Acid/OPSS/pGlu PEG reagent; OPSS-pGlu; pGlu-OPSS
This product is for research use only and is not intended for diagnostic use.



Product Information

Description	OPSS-pGlu consists of O-dithiopyridine (OPSS)-modified polyglutamic acid with a molecular weight of 10,000 Daltons. The OPSS moiety reacts with thiols to form disulfide bonds, making it important for protein cross-linking, biosensors, and biomarkers.
Molecular Weight	10,000 Da
Functional Group 1	Acid
Functional Group 2	OPSS
Functional Group 3	pGlu
Reactive Group 1	Mercapto
Reactive Group 2	Sulfhydryl
Reactive Group 3	Thiol
Form	Soild
Purity	≥95%
Identity	Confirmed by NMR.
Applications	OPSS-pGlu serves as a critical tool in protein engineering, enabling the precise modification of proteins by incorporating specific amino acid sequences to improve their performance or adaptability in various environments.
Storage	Store at -20°C.