

# Product Information

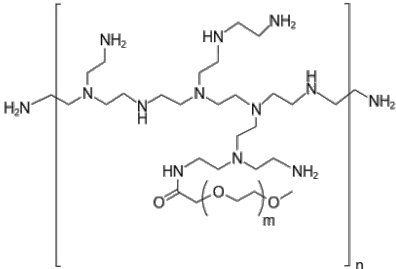
## PEI PEG reagent, PEI-g(2k)-PEG(1k), 10% PEG ratio, Purity≥95%

Cat. No.: X24-12-LY0667

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

Synonym: PEI PEG reagent; PEI-g(2k)-PEG(1k); PEG(1k)-g(2k)-PEI

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



### Product Information

|                    |                                                                                                                                                                                                             |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description        | PEI-g(2k)-PEG(1k), 10% PEG ratio consists of a branched PEI backbone with a molecular weight of 2 kDa and PEG chain segments with a molecular weight of 1 kDa, with PEG making up 10% of the total polymer. |
| Molecular Weight   | PEI-g(2 kDa), PEG(1 kDa)                                                                                                                                                                                    |
| Functional Group 1 | PEI                                                                                                                                                                                                         |
| Functional Group 2 | None                                                                                                                                                                                                        |
| Functional Group 3 | None                                                                                                                                                                                                        |
| Reactive Group 1   | Azide                                                                                                                                                                                                       |
| Form               | Soild                                                                                                                                                                                                       |
| Purity             | ≥95%                                                                                                                                                                                                        |
| Identity           | Confirmed by NMR.                                                                                                                                                                                           |
| Applications       | PEI-g(2k)-PEG(1k) with 10% PEG ratio combines the transfection properties of PEI with the biocompatibility of PEG and can be used to improve the efficiency of gene delivery and reduce cytotoxicity.       |
| Storage            | Store at -20°C.                                                                                                                                                                                             |