

## Product Information

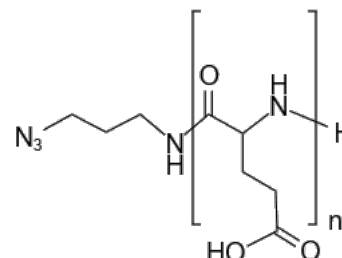
### Azide/pGlu PEG reagent, Azide-pGlu, MW 2,500, Purity≥95%

**Cat. No.:** X24-12-LY0610

**Size:** 100 mg; 250 mg; 500 mg

**Synonym:** Azide/pGlu PEG reagent; Azide-pGlu; pGlu-Azide

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



#### Product Information

|                           |                                                                                                                                                                                                                                           |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>        | Azide-pGlu is a polyglutamic acid with an azide modification and has a molecular weight of 2,500 daltons. The azide group (-N <sub>3</sub> ) can be used in click chemistry reactions such as the copper-catalyzed azide-alkyne reaction. |
| <b>Molecular Weight</b>   | 2,500 Da                                                                                                                                                                                                                                  |
| <b>Functional Group 1</b> | Azide                                                                                                                                                                                                                                     |
| <b>Functional Group 2</b> | pGlu                                                                                                                                                                                                                                      |
| <b>Functional Group 3</b> | None                                                                                                                                                                                                                                      |
| <b>Reactive Group 1</b>   | Alkyne                                                                                                                                                                                                                                    |
| <b>Reactive Group 2</b>   | DBCO/BCN                                                                                                                                                                                                                                  |
| <b>Form</b>               | Soild                                                                                                                                                                                                                                     |
| <b>Purity</b>             | ≥95%                                                                                                                                                                                                                                      |
| <b>Identity</b>           | Confirmed by NMR.                                                                                                                                                                                                                         |
| <b>Applications</b>       | Azide-pGlu can be used as a biomarker tool or in active molecule delivery systems due to the chemical activity of its azide moiety.                                                                                                       |
| <b>Storage</b>            | Store at -20°C.                                                                                                                                                                                                                           |