

## Propargyl-PEG8-bromide

**Chemical Properties**

|                   |  |
|-------------------|--|
| CAS No.:          | 2055046-25-6   |
| Formula:          | C19H35BrO8   |
| Molecular Weight: | 471.38   |
| Appearance:       | N/A  |
| Storage:          | 0-4°C for short term (days to weeks), or -20°C for long term (months). |

**Biological Description**

|                            |   |
|----------------------------|---|
| Description                | Propargyl-PEG8-bromide is a non-cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[1]. |
| Targets(IC <sub>50</sub> ) | Non-cleavable: None   |
| In vitro                   | ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.                    |

**Solubility Information**

|            |   |
|------------|---|
| Solubility | < 1 mg/ml refers to the product slightly soluble or insoluble |
|------------|---|

## Preparing Stock Solutions

|       | 1mg      | 5mg       | 10mg      |
|-------|----------|-----------|-----------|
| 1 mM  | 2.121 mL | 10.607 mL | 21.214 mL |
| 5 mM  | 0.424 mL | 2.121 mL  | 4.243 mL  |
| 10 mM | 0.212 mL | 1.061 mL  | 2.121 mL  |
| 50 mM | 0.042 mL | 0.212 mL  | 0.424 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Suzanne AKERS-RODRIGUEZ, et al. Compositions and methods for the treatment of bacterial infections. WO2019126353A2.

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Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481