

Cys-GE11

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1421680-54-7 |
| Formula: | C78H102N18O20S |
| Molecular Weight: | 1643.84 |
| Storage: | Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |

Biological Description

| | |
|---------------|--|
| Description | Cys-GE11 is a cysteine-modified short peptide. It can link with PEG-P(TMC-DTC) through the N-terminus of cysteine to form a targeting polymer. Cys-GE11 targets cells with high EGFR expression, such as SMMC-7721 cells. This compound significantly enhances drug accumulation at tumor sites and exhibits low toxicity. |
| Targets(IC50) | EGFR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.6083 mL | 3.0417 mL | 6.0833 mL |
| 5 mM | 0.1217 mL | 0.6083 mL | 1.2167 mL |
| 10 mM | 0.0608 mL | 0.3042 mL | 0.6083 mL |
| 50 mM | 0.0122 mL | 0.0608 mL | 0.1217 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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