

Targeting the bacterial sliding clamp peptide 46

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 2756997-82-5 |
| Formula: | C47H64N8O11 |
| Molecular Weight: | 917.06 |
| Storage: | 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 | Peptide 46 is a short peptide that inhibits SC-dependent DNA synthesis by targeting the bacterial sliding clamp (SC). |
| Targets(IC50) | Others,Antibacterial |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.0904 mL | 5.4522 mL | 10.9044 mL |
| 5 mM | 0.2181 mL | 1.0904 mL | 2.1809 mL |
| 10 mM | 0.109 mL | 0.5452 mL | 1.0904 mL |
| 50 mM | 0.0218 mL | 0.109 mL | 0.2181 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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