

DprE1-IN-2

Chemical Properties

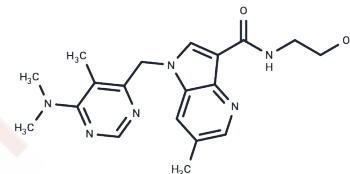
CAS No. : 1615713-87-5

Formula: C₁₉H₂₄N₆O₂

Molecular Weight: 368.43

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|---------------|---|
| Description | DprE1-IN-2 is an effective DprE1 inhibitor. |
| Targets(IC50) | Antibacterial,DprE1 |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 33 mg/mL (89.57 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.7142 mL | 13.5711 mL | 27.1422 mL |
| 5 mM | 0.5428 mL | 2.7142 mL | 5.4284 mL |
| 10 mM | 0.2714 mL | 1.3571 mL | 2.7142 mL |
| 50 mM | 0.0543 mL | 0.2714 mL | 0.5428 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.

Reference

Shirude PS et al. Lead optimization of 1,4-azaindoles as antimycobacterial agents. J Med Chem. 2014 Jul 10;57(13): 5728-37.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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