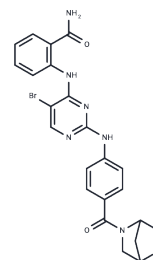


JNK-1-IN-5

Chemical Properties

CAS No. : 3047794-08-8
 Formula: C₂₃H₂₁BrN₆O₃
 Molecular Weight: 509.355
 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 | JNK-1-IN-5 (Compound 14) is a potent JNK1 inhibitor with sub-nanomolar efficacy. It effectively inhibits TGF- β -induced epithelial-mesenchymal transition and shows promise for research targeting JNK1 as an anti-pulmonary fibrosis agent. |
| Targets(IC50) | JNK |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.9632 mL | 9.8162 mL | 19.6325 mL |
| 5 mM | 0.3926 mL | 1.9632 mL | 3.9265 mL |
| 10 mM | 0.1963 mL | 0.9816 mL | 1.9632 mL |
| 50 mM | 0.0393 mL | 0.1963 mL | 0.3926 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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