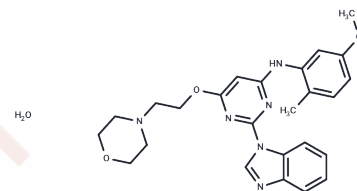


Lck Inhibitor III

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1188890-30-3 |
| Formula: | C25H30N6O4 |
| Molecular Weight: | 478.54 |
| 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 | Lck Inhibitor III, a potent inhibitor of Lck, exhibits an IC50 value of 867 nM. Additionally, this compound effectively inhibits IL-2 synthesis in Jurkat cells, demonstrating an IC50 of 1.270 μM. |
| Targets(IC50) | Others, Interleukin, Src |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.0897 mL | 10.4484 mL | 20.8969 mL |
| 5 mM | 0.4179 mL | 2.0897 mL | 4.1794 mL |
| 10 mM | 0.209 mL | 1.0448 mL | 2.0897 mL |
| 50 mM | 0.0418 mL | 0.209 mL | 0.4179 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

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