

PB131

Chemical Properties

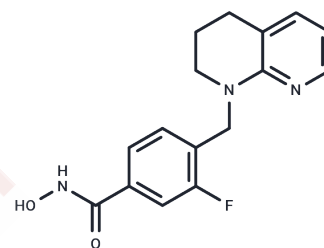
CAS No. : 2924425-63-6

Formula: C₁₆H₁₆FN₃O₂

Molecular Weight: 301.32

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

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|----------------------------|--|
| Description | PB131, a selective and brain-permeable HDAC6 inhibitor, exhibits high binding affinity (IC ₅₀ : 1.8 nM) and potent anti-inflammatory activity, making it suitable for inflammation research, particularly in neuroinflammation [1]. |
| Targets(IC ₅₀) | HDAC |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.3187 mL | 16.5937 mL | 33.1873 mL |
| 5 mM | 0.6637 mL | 3.3187 mL | 6.6375 mL |
| 10 mM | 0.3319 mL | 1.6594 mL | 3.3187 mL |
| 50 mM | 0.0664 mL | 0.3319 mL | 0.6637 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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