

HDAC/BET-IN-1

Chemical Properties

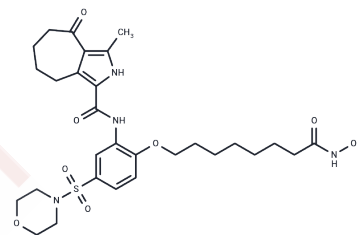
CAS No. : 2757573-68-3

Formula: C₂₉H₄₀N₄O₈S

Molecular Weight: 604.71

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 | HDAC/BET-IN-1 is a chemical compound exhibiting submicromolar inhibitory activity against HDAC1 and HDAC6, with IC ₅₀ values of 0.163 μM and 0.067 μM, respectively, and against BRD4, with a K _i of 0.076 μM. Additionally, it possesses potent antileukemia activity. |
| Targets(IC ₅₀) | HDAC |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.6537 mL | 8.2684 mL | 16.5369 mL |
| 5 mM | 0.3307 mL | 1.6537 mL | 3.3074 mL |
| 10 mM | 0.1654 mL | 0.8268 mL | 1.6537 mL |
| 50 mM | 0.0331 mL | 0.1654 mL | 0.3307 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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