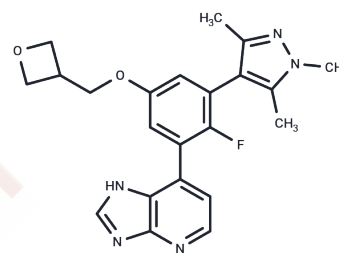


DDO-8958

Chemical Properties

CAS No. : 3017180-18-3
 Formula: C22H22FN5O2
 Molecular Weight: 407.441
 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 | DDO-8958 is an orally active and selective BET BD1 inhibitor, exhibiting a KD of 5.6 nM for BRD4 BD1. It shows low nanomolar inhibitory activity across all BET BD1 bromodomains except for BRDT BD1. DDO-8958 inhibits tumor cell proliferation and migration, induces apoptosis and cell cycle arrest, and demonstrates antitumor activity. |
| Targets(IC50) | Apoptosis, Epigenetic Reader Domain |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.4543 mL | 12.2717 mL | 24.5435 mL |
| 5 mM | 0.4909 mL | 2.4543 mL | 4.9087 mL |
| 10 mM | 0.2454 mL | 1.2272 mL | 2.4543 mL |
| 50 mM | 0.0491 mL | 0.2454 mL | 0.4909 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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