

DHODH-IN-22

Chemical Properties

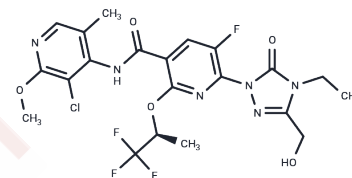
CAS No. : 2450341-75-8

Formula: C₂₁H₂₁ClF₄N₆O₅

Molecular Weight: 548.88

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 | DHODH-IN-22 is a potent and selective orally active inhibitor of dihydroorotic dehydrogenase (DHODH) with an IC ₅₀ of 0.3 nM, suitable for use in acute myeloid leukaemia (AML) studies. |
| Targets(IC ₅₀) | Others,Dehydrogenase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.8219 mL | 9.1095 mL | 18.2189 mL |
| 5 mM | 0.3644 mL | 1.8219 mL | 3.6438 mL |
| 10 mM | 0.1822 mL | 0.9109 mL | 1.8219 mL |
| 50 mM | 0.0364 mL | 0.1822 mL | 0.3644 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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