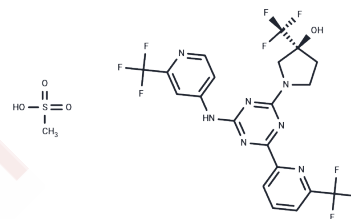


SH1573

Chemical Properties

CAS No. : 2376068-96-9
 Formula: C₂₁H₁₈F₉N₇O₄S
 Molecular Weight: 635.46
 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	SH1573 is an orally active inhibitor of mutant isocitrate dehydrogenase 2 (mIDH2). It selectively targets the mIDH2 R140Q protein with a potent inhibitory effect (IC ₅₀ =4.78 nmol/L), significantly reducing the production of the oncogenic metabolite 2-hydroxyglutarate (2-HG) in animal models, cell lines, serum, and tumors. SH1573 is utilized in the study of acute myeloid leukemia (AML).
Targets(IC50)	Isocitrate Dehydrogenase (IDH)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5737 mL	7.8683 mL	15.7366 mL
5 mM	0.3147 mL	1.5737 mL	3.1473 mL
10 mM	0.1574 mL	0.7868 mL	1.5737 mL
50 mM	0.0315 mL	0.1574 mL	0.3147 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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