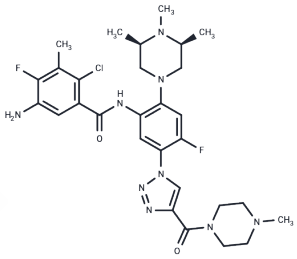
Data Sheet (Cat.No.T212479)

TargetMol

HBI-2375

Chemical Properties



CAS No. : 2982574-79-6

Formula: C29H36ClF2N9O2

Molecular Weight: 616.11

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	HBI-2375 (HYBI-084) is a selective inhibitor that penetrates the blood-brain barrier and is orally active, targeting the MLL1-WDR5 interaction. It inhibits WDR5 with an IC50 of 4.48 nM and demonstrates antiproliferative activity in MV4;11 leukemia cells with an IC50 of 3.17 μM. Furthermore, HBI-2375 disrupts histone methyltransferase activity in cancer cells and is useful for researching leukemia, glioma, and glioblastoma.
Targets(IC50)	Histone Methyltransferase,JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6231 mL	8.1154 mL	16.2309 mL
5 mM	0.3246 mL	1.6231 mL	3.2462 mL
10 mM	0.1623 mL	0.8115 mL	1.6231 mL
50 mM	0.0325 mL	0.1623 mL	0.3246 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481