

Menin-KMT2A-IN-1

Chemical Properties

CAS No. :

Formula: C28H35FN6O3

Molecular Weight: 522.61

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	Menin-KMT2A-IN-1 (Compound 20) is an inhibitor of menin-KMT2A, binding to menin with an IC50 of 8 nM, and disrupting the interaction between menin and lysine methyltransferase 2A (KMT2A). It inhibits hERG channels with an IC50 of 65 µM and suppresses MV4-11 cells with an IC50 of 74 nM. Furthermore, Menin-KMT2A-IN-1 exhibits favorable pharmacokinetic properties in CD-1 mice, with an oral bioavailability of 74%.
Targets(IC50)	Epigenetic Reader Domain,Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9135 mL	9.5674 mL	19.1347 mL
5 mM	0.3827 mL	1.9135 mL	3.8269 mL
10 mM	0.1913 mL	0.9567 mL	1.9135 mL
50 mM	0.0383 mL	0.1913 mL	0.3827 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

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