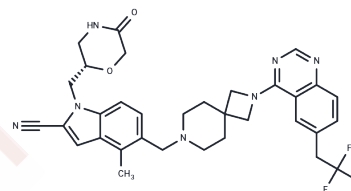


Balomenib

Chemical Properties

CAS No. :	2939850-17-4
Formula:	C33H34F3N7O2
Molecular Weight:	617.664
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	Balomenib is an inhibitor of the menin-MLL interaction, effectively blocking the men1-MLL4-43 interaction with an IC50 of less than 0.075 μ M. It inhibits cell growth in MV4-11 (CC50 < 0.1 μ M), MOLM-13 (CC50 0.1~0.5 μ M), and HEK293 (CC50 < 2 μ M) cells. Balomenib also exhibits antitumor activity.
Targets(IC50)	Epigenetic Reader Domain

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.619 mL	8.0951 mL	16.1901 mL
5 mM	0.3238 mL	1.619 mL	3.238 mL
10 mM	0.1619 mL	0.8095 mL	1.619 mL
50 mM	0.0324 mL	0.1619 mL	0.3238 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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