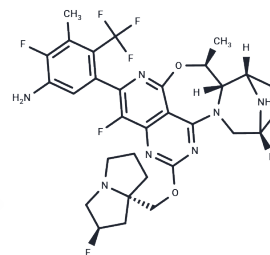


KRAS G12D-IN-29

Chemical Properties

CAS No. :	3018057-89-8
Formula:	C ₃₁ H ₃₃ F ₆ N ₇ O ₂
Molecular Weight:	649.63
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	KRAS G12D inhibitor 29 (Compound Formula (I)) is an orally active and selective inhibitor of KRASG12D. It effectively blocks KRASG12D-mediated downstream signaling pathways, thereby inhibiting the proliferation of tumor cells. This compound holds potential for research into cancers associated with KRASG12D mutations, such as pancreatic cancer, lung cancer, and colorectal cancer.
Targets(IC50)	Ras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5393 mL	7.6967 mL	15.3934 mL
5 mM	0.3079 mL	1.5393 mL	3.0787 mL
10 mM	0.1539 mL	0.7697 mL	1.5393 mL
50 mM	0.0308 mL	0.1539 mL	0.3079 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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