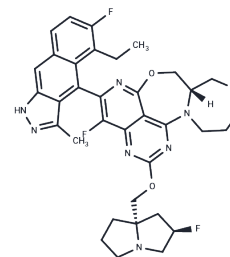


KRAS-IN-5

Chemical Properties

CAS No. :	3082412-00-5
Formula:	C35H36F3N7O3
Molecular Weight:	659.70
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-IN-5 (Compound Ex 6) is an orally active, selective inhibitor that targets KRAS mutants, including KRASG12D, KRASG12V, and KRASWT, with an impressive GNE IC50 value of 1.3 nM for KRASG12D. By inhibiting KRAS-mediated signaling pathways, such as reducing ERK phosphorylation, KRAS-IN-5 effectively prevents tumor cell proliferation. This compound holds potential for research into cancers associated with KRAS mutations, such as pancreatic cancer, colorectal cancer, and lung cancer.
Targets(IC50)	Ras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5158 mL	7.5792 mL	15.1584 mL
5 mM	0.3032 mL	1.5158 mL	3.0317 mL
10 mM	0.1516 mL	0.7579 mL	1.5158 mL
50 mM	0.0303 mL	0.1516 mL	0.3032 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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