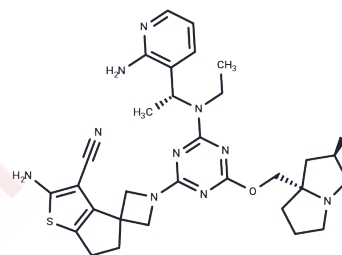


## KRAS inhibitor-41

## Chemical Properties

CAS No. :	3056974-50-3
Formula:	C30H37FN10O5
Molecular Weight:	604.745
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 inhibitor-41 is a KRAS inhibitor with an IC50 value of less than 0.01 $\mu$ M for both KRAS G12D and KRAS G12V mutations. It effectively inhibits RAS mutant cell lines GP2D (KRAS-G12D) and SW620 (KRAS-G12V). KRAS inhibitor-41 is applicable for cancer research.
Targets(IC50)	Ras
In vitro	KRAS inhibitor-41 (example 173) effectively inhibits activity in both GP2D and SW620 cell lines, with an IC50 of less than 0.01 $\mu$ M.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6536 mL	8.2679 mL	16.5358 mL
5 mM	0.3307 mL	1.6536 mL	3.3072 mL
10 mM	0.1654 mL	0.8268 mL	1.6536 mL
50 mM	0.0331 mL	0.1654 mL	0.3307 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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