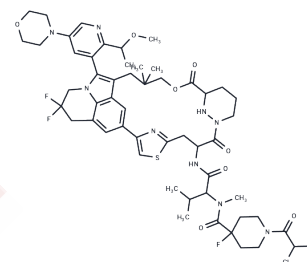


## KRAS inhibitor-40

## Chemical Properties

CAS No. :	3059496-56-6
Formula:	C53H66ClF4N9O8S
Molecular Weight:	1100.66
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-40 (Compound 41) is an inhibitor of KRAS, disrupting the KRAS G12C-BRAF complex and suppressing the phosphorylation of the downstream ERK signaling pathway. This compound also inhibits the proliferation of tumor cells with various KRAS mutations, exhibiting antitumor activity.
Targets(IC50)	PERK,Ras,Kras

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9085 mL	4.5427 mL	9.0855 mL
5 mM	0.1817 mL	0.9085 mL	1.8171 mL
10 mM	0.0909 mL	0.4543 mL	0.9085 mL
50 mM	0.0182 mL	0.0909 mL	0.1817 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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