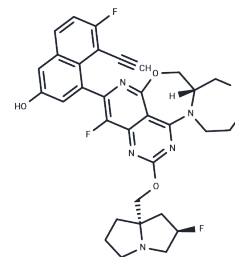


KRAS inhibitor-31

Chemical Properties

CAS No. :	2920695-77-6
Formula:	C33H30F3N5O4
Molecular Weight:	617.62
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-31 (compound 33), a potent agent targeting KRAS, exhibits K D (SPR) values of 0.019 nM for KRas G12D, 0.019 nM for KRas G12C, and 0.096 nM for KRas G12V, illustrating its efficacy across these variants.
Targets(IC50)	Ras
In vitro	KRAS inhibitor-31 (compound 33) exhibits potent inhibitory activity, with IC50 values measured at 1.1 nM in Panc08.13 cells, 3.9 nM in H358 cells, and 6.6 nM in SW620 cells.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6191 mL	8.0956 mL	16.1912 mL
5 mM	0.3238 mL	1.6191 mL	3.2382 mL
10 mM	0.1619 mL	0.8096 mL	1.6191 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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