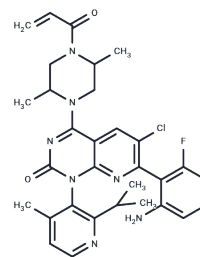


KRAS G12C inhibitor 61

Chemical Properties

CAS No. :	2300967-40-0
Formula:	C ₃₁ H ₃₃ ClFN ₇ O ₂
Molecular Weight:	590.09
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 G12C inhibitor 61 (Example 3) demonstrates potent activity by inhibiting phospho-ERK 1/2 in MIA PaCa-2 cells, with an IC ₅₀ value of 9 nM, and is applicable in the research of pancreatic, colorectal, and lung cancers [1].
Targets(IC ₅₀)	ERK,Ras,Kras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6947 mL	8.4733 mL	16.9466 mL
5 mM	0.3389 mL	1.6947 mL	3.3893 mL
10 mM	0.1695 mL	0.8473 mL	1.6947 mL
50 mM	0.0339 mL	0.1695 mL	0.3389 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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