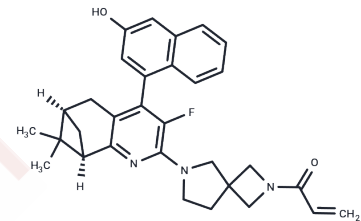


KRASG12C IN-15

Chemical Properties

CAS No. : 2768868-14-8
 Formula: C₃₁H₃₂FN₃O₂
 Molecular Weight: 497.603
 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	KRASG12C IN-15 (Compound 21) is an orally active KRASG12C inhibitor that effectively blocks SOS1-mediated GDP/GTP exchange with an IC ₅₀ of 19 nM. It inhibits ERK phosphorylation with an IC ₅₀ of 0.051 μM and reduces the viability of KRASG12C mutant MIA PaCa-2 cells with an IC ₅₀ of 0.023 μM. Additionally, KRASG12C IN-15 demonstrates antitumor activity in a MIA PaCa-2 xenograft mouse model.
Targets(IC ₅₀)	ERK,Ras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0096 mL	10.0482 mL	20.0965 mL
5 mM	0.4019 mL	2.0096 mL	4.0193 mL
10 mM	0.201 mL	1.0048 mL	2.0096 mL
50 mM	0.0402 mL	0.201 mL	0.4019 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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