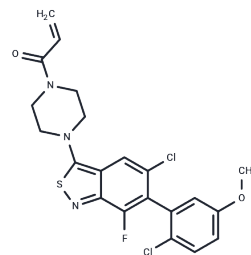


KRAS inhibitor-17

Chemical Properties

CAS No. :	2230873-65-9
Formula:	C ₂₁ H ₁₈ Cl ₂ FN ₃ O ₂ S
Molecular Weight:	466.36
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-17 (compound 3-9) is a potent inhibitor of KRAS G12C with an IC ₅₀ of 3.37 μM. It exhibits p-ERK inhibition with an IC ₅₀ of 9.25 μM in MIA PaCA-2 cells and greater than 33.3 μM in A549 cells. KRAS inhibitor-17 has potential applications in the study of pancreatic, colorectal, and lung cancers.
Targets(IC ₅₀)	Others,Ras,Kras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1443 mL	10.7213 mL	21.4427 mL
5 mM	0.4289 mL	2.1443 mL	4.2885 mL
10 mM	0.2144 mL	1.0721 mL	2.1443 mL
50 mM	0.0429 mL	0.2144 mL	0.4289 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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