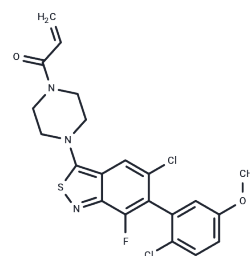


KRAS inhibitor-17

Chemical Properties

CAS No. : 2230873-65-9
Formula: C₂₁H₁₈Cl₂FN₃O₂S
Molecular Weight: 466.36
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	KRAS inhibitor-17 (compound 3-9) is a potent inhibitor of KRAS G12C (IC ₅₀ : 3.37 μM). KRAS inhibitor-17 exhibits p-ERK inhibition with IC ₅₀ = 9.25 μM in MIA PaCA-2 cells and >33.3 μM in A549 cells. KRAS inhibitor-17 has the potential to be studied in pancreatic, colorectal and lung cancers.
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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.

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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