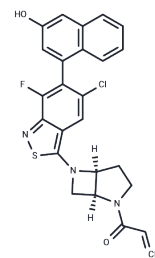


## KRAS inhibitor-13

## Chemical Properties

CAS No. :	2230873-96-6
Formula:	C <sub>25</sub> H <sub>19</sub> ClFN <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	479.95
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-13 (compound 5-6) is a potent inhibitor of KRAS G12C (IC <sub>50</sub> : 0.883 μM) and demonstrates a p-ERK inhibitory effect in MIA PaCA-2 and A549 cells with IC <sub>50</sub> values of 5.9 μM and >100 μM respectively. KRAS inhibitor-13 has potential applications in pancreatic, colorectal, and lung cancer studies.
Targets(IC <sub>50</sub> )	Others,Ras,Kras

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0836 mL	10.4178 mL	20.8355 mL
5 mM	0.4167 mL	2.0836 mL	4.1671 mL
10 mM	0.2084 mL	1.0418 mL	2.0836 mL
50 mM	0.0417 mL	0.2084 mL	0.4167 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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