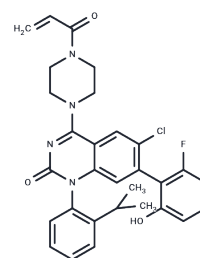


KRAS G12C inhibitor 47

Chemical Properties

CAS No. :	2253119-24-1
Formula:	C ₃₀ H ₂₈ ClFN ₄ O ₃
Molecular Weight:	547.02
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 47 is a potent inhibitor of KRAS G12C (IC ₅₀ : 0.172 μM). KRAS G12C inhibitor 47 exhibits p-ERK inhibition in MIA PaCA-2 cells, A549 cells with IC ₅₀ values of 0.046 μM and 69.8 μM respectively. KRAS G12C inhibitor 47 showed investigational potential against pancreatic, colorectal and lung cancers.
Targets(IC ₅₀)	Others,Ras,Kras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8281 mL	9.1404 mL	18.2809 mL
5 mM	0.3656 mL	1.8281 mL	3.6562 mL
10 mM	0.1828 mL	0.914 mL	1.8281 mL
50 mM	0.0366 mL	0.1828 mL	0.3656 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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