

## KRAS G12C inhibitor 69

## Chemical Properties

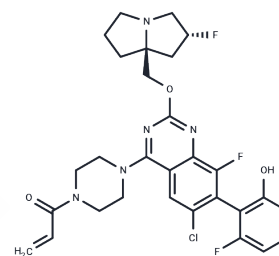
CAS No. :

Formula: C<sub>29</sub>H<sub>29</sub>ClF<sub>3</sub>N<sub>5</sub>O<sub>3</sub>

Molecular Weight: 588.02

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 69 (Compound K09) is an inhibitor of the mutant RAS protein KRAS G12C with an IC <sub>50</sub> of 4.36 nM. In the cell lines NCI-H358 and MIA-PACA-2, it suppresses ERK phosphorylation with IC <sub>50</sub> values of 12 nM and 7 nM, respectively. Additionally, KRAS G12C inhibitor 69 hinders the proliferation of NCI-H358 and MIA-PACA-2 cancer cells, with IC <sub>50</sub> values of 3.15 nM and 2.33 nM, respectively.
Targets(IC <sub>50</sub> )	ERK,Ras,Kras

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7006 mL	8.5031 mL	17.0062 mL
5 mM	0.3401 mL	1.7006 mL	3.4012 mL
10 mM	0.1701 mL	0.8503 mL	1.7006 mL
50 mM	0.034 mL	0.1701 mL	0.3401 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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