

KRASG12C IN-16

Chemical Properties

CAS No. :

Formula: C₂₈H₃₅ClN₈O₂

Molecular Weight: 551.08

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	KRASG12C IN-16 (Compound SK-17) is a selective, covalent, and orally active KRASG12C inhibitor. It can induce apoptosis and effectively prevent the activation of the MAPK and PI3K/mTOR signaling pathways. Additionally, KRASG12C IN-16 exhibits antitumor activity against pancreatic cancer.
Targets(IC50)	Apoptosis,mTOR,p38 MAPK,PI3K,Ras,Kras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8146 mL	9.0731 mL	18.1462 mL
5 mM	0.3629 mL	1.8146 mL	3.6292 mL
10 mM	0.1815 mL	0.9073 mL	1.8146 mL
50 mM	0.0363 mL	0.1815 mL	0.3629 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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