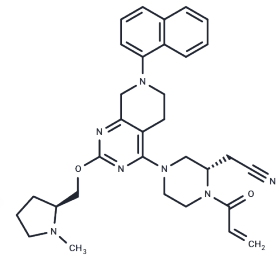


KRAS G12C inhibitor 5

Chemical Properties

CAS No. :	2158297-63-1
Formula:	C32H37N7O2
Molecular Weight:	551.68
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 5 is a KRas G12C inhibitor. (Add a sentence that describes its primary function, mechanism, or application.)
Targets(IC50)	Ras
In vitro	KRas, or Kirsten Rat Sarcoma 2 Viral Oncogene Homolog, operates as a molecular switch by cycling between inactive (GDP-bound) and active (GTP-bound) states. This function allows it to transduce cellular signals from various tyrosine kinases to downstream effectors, regulating processes such as cellular proliferation. As a small GTPase within the Ras family of oncogenes, KRas plays a critical role in signal transduction.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8126 mL	9.0632 mL	18.1265 mL
5 mM	0.3625 mL	1.8126 mL	3.6253 mL
10 mM	0.1813 mL	0.9063 mL	1.8126 mL
50 mM	0.0363 mL	0.1813 mL	0.3625 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.

Reference

John P. Fischer, et al. Kras g12c inhibitors. WO2017201161A1.

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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