

pan-KRAS-IN-6

Chemical Properties

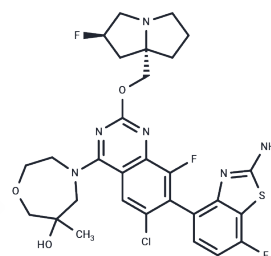
CAS No. : 3033565-36-2

Formula: C₂₉H₃₀ClF₃N₆O₃S

Molecular Weight: 635.10

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	Pan-KRAS-IN-6 (compound 12) is a potent pan-KRAS inhibitor, with IC ₅₀ values of 9.79 nM for Kras G12D and 6.03 nM for Kras G12V.
Targets(IC ₅₀)	Ras,Kras
In vitro	Pan-KRAS-IN-6 (20 nM; 72 h) demonstrates a strong inhibitory effect on the growth activity of ASPC-1 cells, with an IC ₅₀ of 8.8 μM [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5746 mL	7.8728 mL	15.7456 mL
5 mM	0.3149 mL	1.5746 mL	3.1491 mL
10 mM	0.1575 mL	0.7873 mL	1.5746 mL
50 mM	0.0315 mL	0.1575 mL	0.3149 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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