

D3S-001

## Chemical Properties

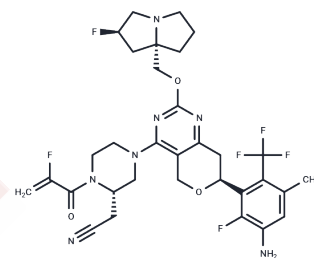
CAS No. : 2914919-85-8

Formula: C32H35F6N7O3

Molecular Weight: 679.66

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	D3S-001 is an orally effective KRAS inhibitor. It suppresses the proliferation of the KRASG12C mutants H358 and MIA-PA-CA-2 with IC50 values of 0.6 and 0.44 nM, respectively. D3S-001 exhibits good metabolic stability across multiple species in hepatocytes, liver microsomes, plasma, and whole blood. Additionally, it demonstrates favorable pharmacokinetic properties and antitumor activity in mice.
Targets(IC50)	Ras,Kras

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4713 mL	7.3566 mL	14.7132 mL
5 mM	0.2943 mL	1.4713 mL	2.9426 mL
10 mM	0.1471 mL	0.7357 mL	1.4713 mL
50 mM	0.0294 mL	0.1471 mL	0.2943 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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