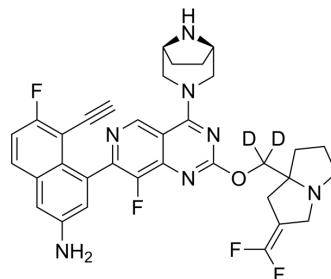


KRASG12D-IN-2

Cat. No.:	HY-157031S		
Molecular Formula:	C ₃₄ H ₂₉ D ₂ F ₄ N ₇ O		
Molecular Weight:	631.66		
Target:	Ras		
Pathway:	GPCR/G Protein; MAPK/ERK Pathway		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (395.78 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	1.5831 mL	7.9157 mL	15.8313 mL	
5 mM	0.3166 mL	1.5831 mL	3.1663 mL	
10 mM	0.1583 mL	0.7916 mL	1.5831 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

KRASG12D-IN-2 (compound 28) is a KRAS^{G12D} Inhibitor. KRASG12D-IN-1 has dose-dependent anti-tumor efficacy in the AsPC-1 xenograft mouse models with a tumor growth inhibition^[1].

REFERENCES

[1]. Xiao X, et al. Design, Synthesis, and Pharmacological Evaluation of Multisubstituted Pyrido[4,3-d]pyrimidine Analogues Bearing Deuterated Methylene Linkers as Potent KRASG12D Inhibitors. *J Med Chem.* 2023 Nov 3.

Caution: Product has not been fully validated for medical applications. For research use only.

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