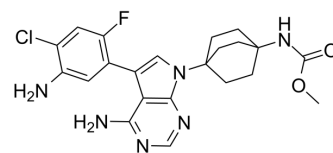


RET-IN-7

Cat. No.:	HY-141896		
CAS No.:	2763386-05-4		
Molecular Formula:	C ₂₂ H ₂₄ ClFN ₆ O ₂		
Molecular Weight:	458.92		
Target:	RET		
Pathway:	Protein Tyrosine Kinase/RTK		
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 : 16.67 mg/mL (36.32 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1790 mL	10.8951 mL	21.7903 mL
	5 mM	0.4358 mL	2.1790 mL	4.3581 mL
	10 mM	0.2179 mL	1.0895 mL	2.1790 mL

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

BIOLOGICAL ACTIVITY

Description

RET-IN-7 demonstrates potent in vitro RET kinase inhibition and robust in vivo efficacy in RET-driven tumor xenografts upon multiday dosing in mice.

REFERENCES

[1]. Mathison CJN, et al. Antitarget Selectivity and Tolerability of Novel Pyrrolo[2,3-d]pyrimidine RET Inhibitors. ACS Med Chem Lett. 2021 Nov 6;12(12):1912-1919.

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

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