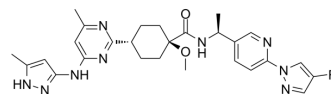


trans-Pralsetinib

Cat. No.:	HY-112301A		
CAS No.:	2097132-93-7		
Molecular Formula:	C ₂₇ H ₃₂ FN ₉ O ₂		
Molecular Weight:	533.6		
Target:	RET		
Pathway:	Protein Tyrosine Kinase/RTK		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (187.41 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	1.8741 mL	9.3703 mL	18.7406 mL
	5 mM	0.3748 mL	1.8741 mL	3.7481 mL
	10 mM	0.1874 mL	0.9370 mL	1.8741 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 4.55 mg/mL (8.53 mM); Clear solution			
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.69 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	trans-Pralsetinib (trans-BLU-667) is a rearranged during transfection (RET) inhibitor extracted from patent US20170121312A1, Compound Example 129 ^[1] .
IC ₅₀ & Target	RET ^[1]

REFERENCES

[1]. Jason D. Brubaker, et al. Inhibitors of ret. US20170121312A1.

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

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