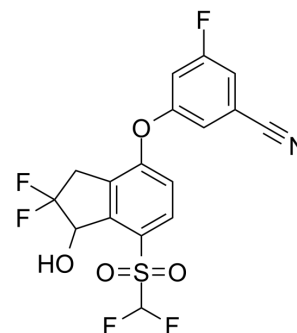


(Rac)-PT2399

Cat. No.:	HY-108697A		
CAS No.:	1672662-07-5		
Molecular Formula:	C ₁₇ H ₁₀ F ₅ NO ₄ S		
Molecular Weight:	419.32		
Target:	HIF/HIF Prolyl-Hydroxylase		
Pathway:	Metabolic Enzyme/Protease		
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 : 120 mg/mL (286.18 mM; Need ultrasonic)				
		Solvent	Mass		
		Concentration	1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.3848 mL	11.9241 mL	23.8481 mL
	5 mM	0.4770 mL	2.3848 mL	4.7696 mL	
	10 mM	0.2385 mL	1.1924 mL	2.3848 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: 3 mg/mL (7.15 mM); Suspended solution; Need ultrasonic 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 3 mg/mL (7.15 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	(Rac)-PT2399 (Compound 10e), the racemate of PT2399, acts as a potent and specific hypoxia-inducible factor 2α (HIF-2α) inhibitor with an IC ₅₀ of 0.01 μM ^[1] .
IC₅₀ & Target	IC ₅₀ : 0.01 μM (HIF-2α) ^[1]

REFERENCES

[1]. Wehn PM, et al. Design and Activity of Specific Hypoxia-Inducible Factor-2α (HIF-2α) Inhibitors for the Treatment of Clear Cell Renal Cell Carcinoma: Discovery of Clinical

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

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