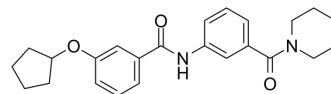


GLP-1R modulator L7-028

Cat. No.:	HY-141842		
CAS No.:	2648317-95-5		
Molecular Formula:	C ₂₄ H ₂₈ N ₂ O ₃		
Molecular Weight:	392.49		
Target:	GCGR		
Pathway:	GPCR/G Protein		
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 : 100 mg/mL (254.78 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	2.5478 mL	12.7392 mL	25.4784 mL
	5 mM	0.5096 mL	2.5478 mL	5.0957 mL
	10 mM	0.2548 mL	1.2739 mL	2.5478 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: 2.5 mg/mL (6.37 mM); Clear solution; Need ultrasonic			
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (6.37 mM); Clear solution; Need ultrasonic			
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (6.37 mM); Clear solution; Need ultrasonic			

BIOLOGICAL ACTIVITY

Description	GLP-1R modulator L7-028 is an allosteric modulator enhancing GLP-1 binding to GLP-1R via a transmembrane site (EC ₅₀ 11.01 ± 2.73 μM).
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REFERENCES

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

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