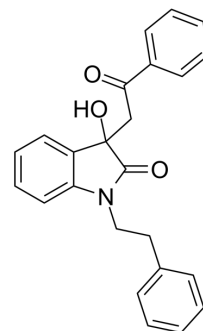


GLP-1R modulator C5

Cat. No.:	HY-141840		
CAS No.:	421578-93-0		
Molecular Formula:	C ₂₄ H ₂₁ NO ₃		
Molecular Weight:	371.43		
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 : 50 mg/mL (134.61 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6923 mL	13.4615 mL	26.9230 mL
	5 mM	0.5385 mL	2.6923 mL	5.3846 mL
	10 mM	0.2692 mL	1.3461 mL	2.6923 mL

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

BIOLOGICAL ACTIVITY

Description

GLP-1R modulator C5 is an allosteric modulator enhancing GLP-1 binding to GLP-1R via a transmembrane site (EC₅₀ 1.59 ± 0.53 μM).

REFERENCES

[1]. Wang J, et al. Allosteric Modulators Enhancing GLP-1 Binding to GLP-1R via a Transmembrane Site. ACS Chem Biol. 2021 Nov 19;16(11):2444-2452.

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

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