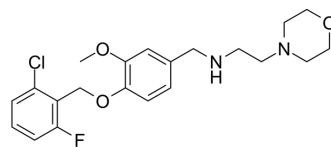


GLP-1R modulator C16

Cat. No.:	HY-141839		
CAS No.:	875005-43-9		
Molecular Formula:	C ₂₁ H ₂₆ ClFN ₂ O ₃		
Molecular Weight:	408.89		
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 (122.28 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.4456 mL	12.2282 mL	24.4565 mL
5 mM	0.4891 mL	2.4456 mL	4.8913 mL
10 mM	0.2446 mL	1.2228 mL	2.4456 mL

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

BIOLOGICAL ACTIVITY

Description

GLP-1R modulator C16 is an allosteric modulator enhancing GLP-1 binding to GLP-1R via a transmembrane site (EC₅₀ 8.43 ± 3.82 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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