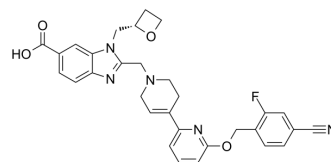


GLP-1R agonist 3

Cat. No.:	HY-144034		
CAS No.:	2428640-18-8		
Molecular Formula:	C ₃₁ H ₂₈ FN ₅ O ₄		
Molecular Weight:	553.58		
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 : 125 mg/mL (225.80 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	1.8064 mL	9.0321 mL	18.0642 mL	
5 mM	0.3613 mL	1.8064 mL	3.6128 mL	
10 mM	0.1806 mL	0.9032 mL	1.8064 mL	

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

BIOLOGICAL ACTIVITY

Description

GLP-1R agonist 3 is a potent agonist of GLP-1R. GLP-1R agonist 3 is a thickened imidazole derivative compound. Glucagon-like peptide-1 (GLP-1) is an intestinal hypoglycemic hormone secreted by L-cells in the lower gastrointestinal tract. GLP-1R agonist 3 has the potential for the research of diabetes (extracted from patent WO2021197464A1, compound 1)^[1].

REFERENCES

[1]. Fanglong Yang, et al. Thickened imidazole derivatives, methods of their preparation and their application in medicine. Patent WO2021197464A1.

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

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