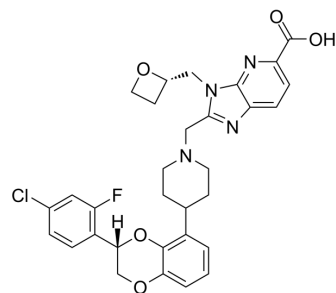


GLP-1 receptor agonist 7

Cat. No.:	HY-145412
CAS No.:	2736447-04-2
Molecular Formula:	C ₃₁ H ₃₀ ClFN ₄ O ₅
Molecular Weight:	593.05
Target:	GCCR
Pathway:	GPCR/G Protein
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (210.77 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.6862 mL	8.4310 mL	16.8620 mL
	5 mM	0.3372 mL	1.6862 mL	3.3724 mL
	10 mM	0.1686 mL	0.8431 mL	1.6862 mL

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

BIOLOGICAL ACTIVITY

Description

GLP-1 receptor agonist 7 is a potent agonist of glucagon-like peptide-1 (GLP-1). GLP-1 receptor agonist 7 has the potential for the research of GLP-1-associated diseases, disorders, and conditions including diabetes mellitus (extracted from patent WO2021219019A1, compound 130b)^[1].

IC₅₀ & Target

GLP-1^[1]

REFERENCES

[1]. Qinghua Meng, et al. Heterocyclic glp-1 agonists. Patent WO2021219019A1.

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

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