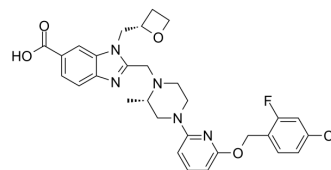


GLP-1 receptor agonist 2

Cat. No.:	HY-112679		
CAS No.:	2230197-64-3		
Molecular Formula:	C ₃₀ H ₃₁ ClFN ₅ O ₄		
Molecular Weight:	580.05		
Target:	GCGR		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 125 mg/mL (215.50 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.7240 mL	8.6199 mL	17.2399 mL
	5 mM	0.3448 mL	1.7240 mL	3.4480 mL
	10 mM	0.1724 mL	0.8620 mL	1.7240 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: ≥ 2.08 mg/mL (3.59 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.08 mg/mL (3.59 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.08 mg/mL (3.59 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

GLP-1 receptor agonist 2 is a glucagon-like peptide-1 receptor (GLP-1R) agonist.

IC₅₀ & Target

GLP-1R^[1].

REFERENCES

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

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