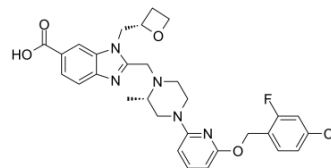


## GLP-1 receptor agonist 2

<b>Cat. No.:</b>	HY-112679		
<b>CAS No.:</b>	2230197-64-3		
<b>Molecular Formula:</b>	C <sub>30</sub> H <sub>31</sub> ClFN <sub>5</sub> O <sub>4</sub>		
<b>Molecular Weight:</b>	580.05		
<b>Target:</b>	Glucagon Receptor		
<b>Pathway:</b>	GPCR/G Protein		
<b>Storage:</b>	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 (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.

#### IC<sub>50</sub> & Target

GLP-1R<sup>[1]</sup>.

### REFERENCES

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

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