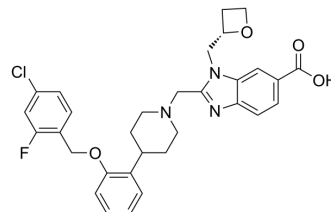


## GLP-1 receptor agonist 11

Cat. No.:	HY-153815		
CAS No.:	2784590-83-4		
Molecular Formula:	C <sub>31</sub> H <sub>31</sub> ClFN <sub>3</sub> O <sub>4</sub>		
Molecular Weight:	564.05		
Target:	GLP Receptor		
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 : 100 mg/mL (177.29 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.7729 mL	8.8645 mL	17.7289 mL
	5 mM	0.3546 mL	1.7729 mL	3.5458 mL
	10 mM	0.1773 mL	0.8864 mL	1.7729 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: 2.5 mg/mL (4.43 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: 2.5 mg/mL (4.43 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: 2.5 mg/mL (4.43 mM); Clear solution; Need ultrasonic

### BIOLOGICAL ACTIVITY

#### Description

GLP-1 receptor agonist 11 (compound 3) is an agonist of GLP Receptor. GLP-1 receptor agonist 11 can be used in the study of diseases such as diabetes and non-alc. fatty liver disease<sup>[1]</sup>.

### REFERENCES

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

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