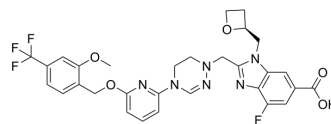


## GLP-1 receptor agonist 10

<b>Cat. No.:</b>	HY-153798		
<b>Molecular Formula:</b>	C <sub>30</sub> H <sub>28</sub> F <sub>4</sub> N <sub>6</sub> O <sub>5</sub>		
<b>Molecular Weight:</b>	628.57		
<b>Target:</b>	GLP 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 (198.86 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	1.5909 mL	7.9546 mL	15.9091 mL	
5 mM	0.3182 mL	1.5909 mL	3.1818 mL	
10 mM	0.1591 mL	0.7955 mL	1.5909 mL	

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

### BIOLOGICAL ACTIVITY

#### Description

GLP-1 receptor agonist 10 (compound 42) is an agonist of GLP Receptor. GLP-1 receptor agonist 10 inhibits food intake and reduces glucose excursion in mice. GLP-1 receptor agonist 10 can be used in the study of type 2 diabetes (T2DM) and obesity [1].

### REFERENCES

[1]. Chen L, et al. Discovery of Novel 5,6-Dihydro-1,2,4-triazine Derivatives as Efficacious Glucagon-Like Peptide-1 Receptor Agonists. J Med Chem. 2023 Jun 22;66(12):7988-8010.

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

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