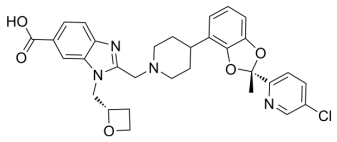
Lotiglipron

Cat. No.:	HY-153865
CAS No.:	2401892-75-7
Molecular Formula:	$C_{31}H_{31}ClN_4O_5$
Molecular Weight:	575.05
Target:	GCGR
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 : 125 mg/mL (217.37 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.7390 mL	8.6949 mL	17.3898 mL
	5 mM	0.3478 mL	1.7390 mL	3.4780 mL
	10 mM	0.1739 mL	0.8695 mL	1.7390 mL

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

BIOLOGICAL ACTIVITY

Description

Lotiglipron (PF-07081532) is an orally active GLP-1R agonist. Lotiglipron reduces glucose and body weight, and can be used for research of Type 2 diabetes mellitus (T2DM)[1].

REFERENCES

[1]. Buckeridge C, et al. Once-daily oral small molecule GLP-1R agonist PF-07081532 reduces glucose and body weight within 4-6 weeks in adults with type 2 diabetes and non-diabetic adults with obesity. Hybrid 58th EASD Annual Meeting; Sept 19–23, 2022 (abstr 114).

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