

## **Product** Data Sheet

# **GLP-1R** agonist 2

Cat. No.: HY-121835 CAS No.: 281209-71-0 Molecular Formula:  $C_{13}H_{15}Cl_2N_3O_2S$ 

Molecular Weight: 348.25
Target: GCGR

Pathway: GPCR/G Protein

Storage: 4°C, protect from light

\* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

#### **SOLVENT & SOLUBILITY**

In Vitro

DMSO: 25 mg/mL (71.79 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg	10 mg
	1 mM	2.8715 mL	14.3575 mL	28.7150 mL
	5 mM	0.5743 mL	2.8715 mL	5.7430 mL
	10 mM	0.2872 mL	1.4358 mL	2.8715 mL

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

### **BIOLOGICAL ACTIVITY**

Description

GLP-1R agonist 2 (compound 2) is a potent GLP-1R agonist. GLP-1R agonist 2 has the potential for the research of metabolic diseases like Type2 Diabetes and Obesity<sup>[1]</sup>.

#### **REFERENCES**

[1]. Girdhar K, et al. Novel insights into the dynamics behavior of glucagon-like peptide-1 receptor with its small molecule agonists. J Biomol Struct Dyn. 2019 Sep;37(15):3976-3986.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA