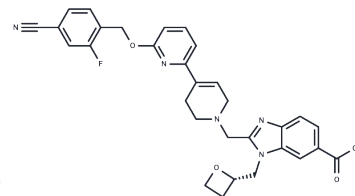


GLP-1R agonist 3

Chemical Properties

CAS No. : 2428640-18-8
 Formula: C₃₁H₂₈FN₅O₄
 Molecular Weight: 553.58
 Appearance: no data available
 Storage: store at low temperature
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	GLP-1R agonist 3 is a thickened imidazole derivative compound that is a potent agonist of GLP-1R. GLP-1R agonist 3 has shown research potential in diabetes.
Targets(IC50)	Glucagon Receptor

Solubility Information

Solubility	DMSO: 80 mg/mL(144.51 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8064 mL	9.0321 mL	18.0642 mL
5 mM	0.3613 mL	1.8064 mL	3.6128 mL
10 mM	0.1806 mL	0.9032 mL	1.8064 mL
50 mM	0.0361 mL	0.1806 mL	0.3613 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Fanglong Yang, et al. Thickened imidazole derivatives, methods of their preparation and their application in medicine. Patent WO2021197464A1.

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