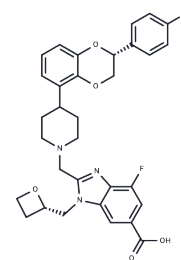


## GLP-1R agonist 32

## Chemical Properties

CAS No. :	3047875-57-7
Formula:	C32H31ClFN3O5
Molecular Weight:	592.06
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	GLP-1R agonist 32 (Compound 111) is an orally active and potent GLP-1R agonist with an EC50 value of 0.017 nM. It stimulates the production of cyclic adenosine monophosphate (cAMP) by activating GLP-1R, which enhances insulin secretion, suppresses glucagon release, and delays gastric emptying to regulate blood glucose levels. GLP-1R agonist 32 shows potential for research in type 2 diabetes, obesity, and related metabolic disorders.
Targets(IC50)	Glucagon Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.689 mL	8.4451 mL	16.8902 mL
5 mM	0.3378 mL	1.689 mL	3.378 mL
10 mM	0.1689 mL	0.8445 mL	1.689 mL
50 mM	0.0338 mL	0.1689 mL	0.3378 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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