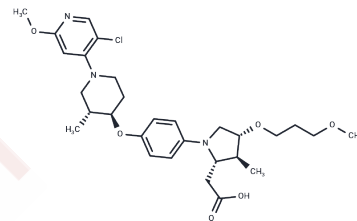


GPR40 agonist 7

Chemical Properties

CAS No. :	1821647-46-4
Formula:	C ₂₉ H ₄₀ ClN ₃ O ₆
Molecular Weight:	562.1
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	Compound 1, also known as GPR40 agonist 7, is an orally active agonist of the G protein-coupled receptor 40 (GPR40). It effectively enhances the secretion of insulin and GLP-1, exhibiting a hypoglycemic effect in vivo with an ED 50 of 0.58 mg/kg [1].
Targets(IC50)	GPCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.779 mL	8.8952 mL	17.7904 mL
5 mM	0.3558 mL	1.779 mL	3.5581 mL
10 mM	0.1779 mL	0.8895 mL	1.779 mL
50 mM	0.0356 mL	0.1779 mL	0.3558 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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