

BI-2081

## Chemical Properties

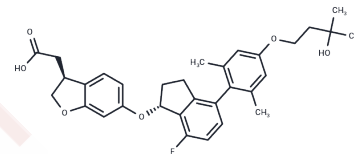
CAS No. : 1458656-71-7

Formula: C32H35FO6

Molecular Weight: 534.62

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	BI-2081, a GPR40 (FFAR1) partial agonist with an EC50 of 4 nM, promotes glucose-dependent insulin secretion and lowers plasma glucose levels. This compound is utilized in metabolic disease research, specifically targeting type 2 diabetes.
Targets(IC50)	Others,GPCR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8705 mL	9.3524 mL	18.7049 mL
5 mM	0.3741 mL	1.8705 mL	3.741 mL
10 mM	0.187 mL	0.9352 mL	1.8705 mL
50 mM	0.0374 mL	0.187 mL	0.3741 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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