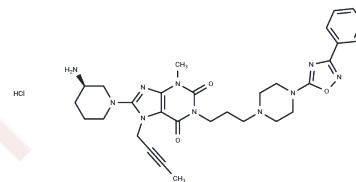


DPP-4/GPR119 modulator 1

Chemical Properties

CAS No. :	2411099-68-6
Formula:	C30H39ClN10O3
Molecular Weight:	623.15
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	DPP-4/GPR119 modulator 1 (Compound 22) is an orally active compound that acts as both a dipeptidyl peptidase IV (DPP-IV) inhibitor and GPR119 agonist, demonstrating a glucose-lowering effect in blood and moderate inhibition of the hERG channel with an IC50 value of 4.9 μ M. This compound is applicable in diabetes research [1].
Targets(IC50)	Others,Proteasome,GPCR,Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6048 mL	8.0238 mL	16.0475 mL
5 mM	0.321 mL	1.6048 mL	3.2095 mL
10 mM	0.1605 mL	0.8024 mL	1.6048 mL
50 mM	0.0321 mL	0.1605 mL	0.321 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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