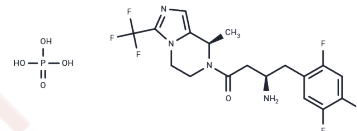


Cetagliptin

Chemical Properties

CAS No. :	2243737-33-7
Formula:	C ₁₈ H ₂₁ F ₆ N ₄ O ₅ P
Molecular Weight:	518.35
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	Cetagliptin is an orally active inhibitor of dipeptidyl peptidase 4 (DPP-4) and CYP2D6, with an IC ₅₀ of 6 μM. It acts as a substrate for P-glycoprotein and helps reduce GLP-1 degradation, maintaining postprandial blood glucose levels. It is used in research for type 2 diabetes.
Targets(IC ₅₀)	Proteasome,Cytochromes P450,P-gp

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9292 mL	9.646 mL	19.292 mL
5 mM	0.3858 mL	1.9292 mL	3.8584 mL
10 mM	0.1929 mL	0.9646 mL	1.9292 mL
50 mM	0.0386 mL	0.1929 mL	0.3858 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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