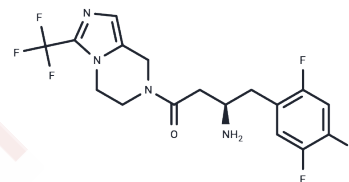


## Sheng Gelieting

## Chemical Properties

CAS No. :	1152810-23-5
Formula:	C17H16F6N4O
Molecular Weight:	406.33
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	Sheng Gelieting (CGT-8012) is an inhibitor of the dipeptidyl peptidase-IV enzyme (DP-IV) with an IC50 value of 87 nM. It can be utilized for research into the dipeptidyl peptidase-IV enzyme, including studies on diabetes, particularly type II diabetes.
Targets(IC50)	Others, Proteasome
In vitro	Sheng Gelieting exhibits significant inhibition activity against the dipeptidyl peptidase-IV enzyme (DP-IV), demonstrating an IC50 value of 87 nM [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4611 mL	12.3053 mL	24.6105 mL
5 mM	0.4922 mL	2.4611 mL	4.9221 mL
10 mM	0.2461 mL	1.2305 mL	2.4611 mL
50 mM	0.0492 mL	0.2461 mL	0.4922 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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