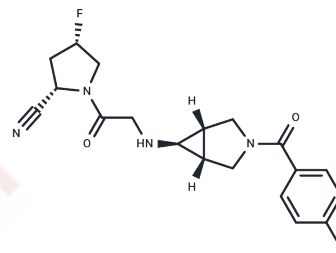


RBx-0597

## Chemical Properties

CAS No. : 929105-33-9  
 Formula: C<sub>19</sub>H<sub>20</sub>F<sub>2</sub>N<sub>4</sub>O<sub>2</sub>  
 Molecular Weight: 374.384  
 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	RBx-0597 is a selective DPP-IV inhibitor with IC <sub>50</sub> values of 32 nM, 31 nM, and 39 nM for human, mouse, and rat plasma DPP-IV, respectively. It is utilized in research focused on type 2 diabetes.
Targets(IC <sub>50</sub> )	Proteasome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6711 mL	13.3554 mL	26.7108 mL
5 mM	0.5342 mL	2.6711 mL	5.3422 mL
10 mM	0.2671 mL	1.3355 mL	2.6711 mL
50 mM	0.0534 mL	0.2671 mL	0.5342 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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