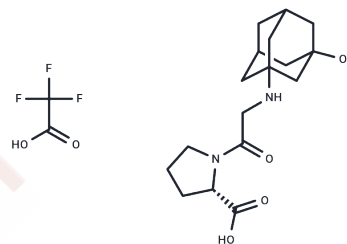


## Vildagliptin carboxylic acid metabolite (trifluoroacetate salt)

## Chemical Properties

CAS No. :	565453-41-0
Formula:	C19H27F3N2O6
Molecular Weight:	436.428
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	Vildagliptin carboxylic acid metabolite is the major metabolite of the dipeptidyl peptidase 4 (DPP-4) inhibitor vildagliptin in humans. Vildagliptin carboxylic acid metabolite has an IC50 value of 477 $\mu$ M for DPP-4 in human Caco-2 cells. It is formed from hydrolysis of the cyano group on vildagliptin.
Targets(IC50)	Others,Cytochromes P450

## Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2913 mL	11.4566 mL	22.9132 mL
5 mM	0.4583 mL	2.2913 mL	4.5826 mL
10 mM	0.2291 mL	1.1457 mL	2.2913 mL
50 mM	0.0458 mL	0.2291 mL	0.4583 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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