

Vildagliptin impurity 1

Chemical Properties

CAS No. :	565453-40-9
Formula:	C17H26N2O4
Molecular Weight:	322.41
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Vildagliptin impurity 1 is recognized as an impurity associated with Vildagliptin.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1016 mL	15.5082 mL	31.0164 mL
5 mM	0.6203 mL	3.1016 mL	6.2033 mL
10 mM	0.3102 mL	1.5508 mL	3.1016 mL
50 mM	0.062 mL	0.3102 mL	0.6203 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.

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