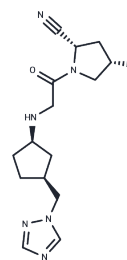


Melogliptin

Chemical Properties

CAS No. :	868771-57-7
Formula:	C ₁₅ H ₂₁ N ₆ O
Molecular Weight:	320.37
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	Melogliptin, also known as EMD-675992 and GRC-8200, is a potent and selective a dipeptidyl peptidase IV (DPP-IV) inhibitor potentially for treatment of type II diabetes. Melogliptin significantly reduced HbA1c from baseline as compared to placebo with a mean average reduction of 0.75 percent in patients receiving 50mg twice daily dose and 0.60 percent in patients receiving 100 mg once daily dose.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1214 mL	15.607 mL	31.2139 mL
5 mM	0.6243 mL	3.1214 mL	6.2428 mL
10 mM	0.3121 mL	1.5607 mL	3.1214 mL
50 mM	0.0624 mL	0.3121 mL	0.6243 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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