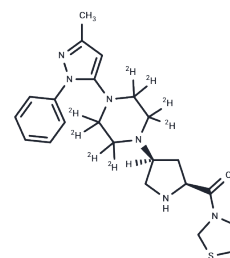


Teneligliptin-D8

Chemical Properties

CAS No. :	1391012-95-5
Formula:	C ₂₂ H ₃₀ N ₆ O ₅
Molecular Weight:	434.63
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	Teneligliptin-D8 is a potent, orally available, competitive, and long-lasting inhibitor of DPP-4.
Targets(IC50)	Proteasome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3008 mL	11.504 mL	23.0081 mL
5 mM	0.4602 mL	2.3008 mL	4.6016 mL
10 mM	0.2301 mL	1.1504 mL	2.3008 mL
50 mM	0.046 mL	0.2301 mL	0.4602 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.

Reference

Fukuda-Tsuru S, et al. A novel, potent, and long-lasting dipeptidyl peptidase-4 inhibitor, teneligliptin, improves postprandial hyperglycemia and dyslipidemia after single and repeated administrations. Eur J Pharmacol. 2012 Dec 5;696(1-3):194-202.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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