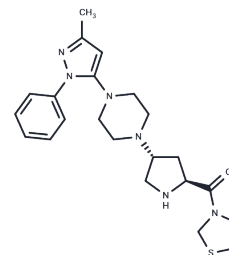


## (2S,4R)-Teneligliptin

## Chemical Properties

CAS No. :	1404559-15-4
Formula:	C <sub>22</sub> H <sub>30</sub> N <sub>6</sub> O <sub>5</sub>
Molecular Weight:	426.578
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	(2S,4R)-Teneligliptin is a selective inhibitor of dipeptidyl peptidase IV (DPP-4). It increases the concentration of active glucagon-like peptide-1 (GLP-1) in plasma, which in turn stimulates insulin secretion when blood glucose levels are elevated, thereby exhibiting hypoglycemic effects. (2S,4R)-Teneligliptin is a promising candidate for research in type 2 diabetes.
Targets(IC50)	Proteasome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3442 mL	11.7211 mL	23.4423 mL
5 mM	0.4688 mL	2.3442 mL	4.6885 mL
10 mM	0.2344 mL	1.1721 mL	2.3442 mL
50 mM	0.0469 mL	0.2344 mL	0.4688 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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