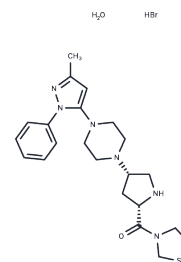


## Teneligliptin hydrobromide hydrate

## Chemical Properties

CAS No. :	1572583-29-9
Formula:	C <sub>22</sub> H <sub>33</sub> BrN <sub>6</sub> O <sub>2</sub> S
Molecular Weight:	525.51
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 hydrobromide hydrate is a potent, competitive, and long-lasting DPP-4 inhibitor, which competitively inhibits human plasma, rat plasma, and human recombinant DPP-4 in vitro, with IC <sub>50</sub> s of approximately 1 nM [1].
Targets(IC <sub>50</sub> )	Apoptosis,Others,NF-κB,Proteasome,NOD-like Receptor (NLR),AMPK,Interleukin,JNK,p38 MAPK,ROS,TLR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9029 mL	9.5146 mL	19.0291 mL
5 mM	0.3806 mL	1.9029 mL	3.8058 mL
10 mM	0.1903 mL	0.9515 mL	1.9029 mL
50 mM	0.0381 mL	0.1903 mL	0.3806 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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