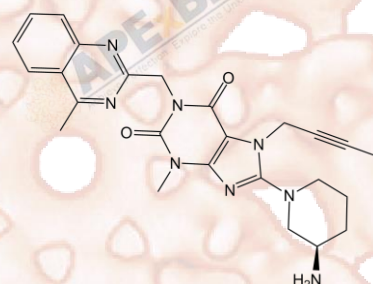


## Product Data Sheet

### Linagliptin (BI-1356)

<b>Cat. No.:</b>	A4034
<b>CAS No.:</b>	668270-12-0
<b>Formula:</b>	C <sub>25</sub> H <sub>28</sub> N <sub>8</sub> O <sub>2</sub>
<b>M.Wt:</b>	472.5
<b>Synonyms:</b>	
<b>Target:</b>	Proteases
<b>Pathway:</b>	DPP-4
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O; insoluble in EtOH; ≥17.85 mg/mL in DMSO

In Vitro

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	2.1164 mL	10.5820 mL	21.1640 mL
		5 mM	0.4233 mL	2.1164 mL	4.2328 mL
		10 mM	0.2116 mL	1.0582 mL	2.1164 mL

Please refer to the solubility information to select the appropriate solvent.

### Biological Activity

Shortsummary

DDP-4 inhibitor, highly potent and competitive

IC<sub>50</sub> & Target

1 nM (DDP-4)

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

**APExBIO Technology**

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