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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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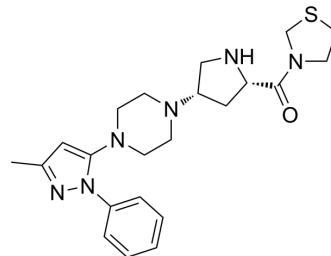
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Teneligliptin (Standard)

Cat. No.:	HY-14806R
CAS No.:	760937-92-6
Molecular Formula:	C ₂₂ H ₃₀ N ₆ OS
Molecular Weight:	426.58
Target:	Dipeptidyl Peptidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Teneligliptin (Standard) is the analytical standard of Teneligliptin. This product is intended for research and analytical applications. Teneligliptin (MP-513) is a potent, orally available, competitive, and long-lasting DPP-4 inhibitor. Teneligliptin competitively inhibits human plasma, rat plasma, and human recombinant DPP-4 in vitro, with IC ₅₀ s of approximately 1 nM [1].
IC ₅₀ & Target	IC ₅₀ : 1 nM (DPP4) ^[1]

REFERENCES

[1]. 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.

[2]. Ideta T, et al. The Dipeptidyl Peptidase-4 Inhibitor Teneligliptin Attenuates Hepatic Lipogenesis via AMPK Activation in Non-Alcoholic Fatty Liver Disease Model Mice. *Int J Mol Sci.* 2015 Dec 8;16(12):29207-18.

Caution: Product has not been fully validated for medical applications. For research use only.

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