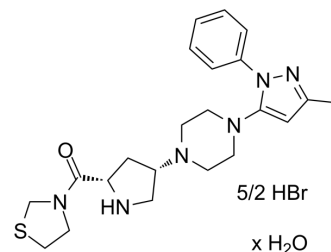


Teneligliptin hydrobromide hydrate

Cat. No.:	HY-14806B
CAS No.:	1572583-29-9
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 hydrobromide hydrate is a potent chemotype prolylthiazolidine-based DPP-4 inhibitor, which competitively inhibits human plasma, rat plasma, and human recombinant DPP-4 in vitro, with IC₅₀s of approximately 1 nM^[1].

CUSTOMER VALIDATION

- Eur J Med Chem. 2021 Feb 15;212:113030.
- Antioxidants (Basel). 2021 Sep 9;10(9):1438.
- Nephrol Dial Transplant. 2019 Oct 1;34(10):1669-1680.
- Chem Res Toxicol. 2020 Aug 17;33(8):2164-2171.

See more customer validations on www.MedChemExpress.com

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.

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

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