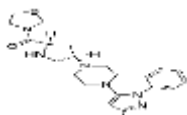


PRODUCT: Teneligliptin**ALTERNATE NAMES:** ((2S,4S)-4-(4-(3-methyl-1-phenyl-1H-pyrazol-5-yl)piperazin-1-yl)pyrrolidin-2-yl)(thiazolidin-3-yl)methanone; Tenelia**CATALOG NUMBER:** B1932-10,50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₂H₃₀N₆OS**MOLECULAR WEIGHT:** 426.58**CAS NUMBER:** 760937-92-6**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (~ 10 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** Teneligliptin is a potent DPP-4 (dipeptidylpeptidase-4) inhibitor, that competitively inhibits human plasma, rat plasma, and human recombinant DPP-4 in vitro, with IC₅₀s of approximately 1 nM. Useful drug for treatment of type 2 diabetes mellitus (T2DM).**REFERENCES:** Nakamura, K., *et al.* (2017). *Int. J. Mol. Med.* **39**, 969-983.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Dipeptidylpeptidase IV, Human Plasma (**Cat. No. 4709-10**)
Dipeptidylpeptidase IV, Human Recombinant (**Cat. No. 4710-10, 50, 1000**)
Dipeptidylpeptidase IV Inhibitor, K 579 (**Cat. No. 1963-1, 5**)
Dipeptidylpeptidase IV Inhibitor, NVP DPP 728 (**Cat. No. 1964-1, 5**)
Diprotin A (**Cat. No. 2191-5, 25**)
Diprotin B (**Cat. No. 2192-5, 25**)
DiscoveryPak™ DPP-4 Inhibitors Set (**K890-5**)
DPP4 Activity Assay Kit (**Cat. No. K779-100**)
DPP4 Inhibitor Screening Kit (**Cat. No. K780-100**)
Linagliptin (**Cat. No. 2240-50, 250**)
MK-3102 (**Cat. No. 9599-1,5**)
Sitagliptin Phosphate Monohydrate (**Cat. No. 1757-100, 1G**)
Teneligliptin (**Cat. No. B1932-10,50**)
Vlidagliptin (**Cat. No. 2188-10, 50**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**