

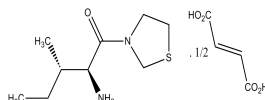
PRODUCT: DPPIV Inhibitor, P32/98

ALTERNATE NAME: (2S, 3S)-2-Amino-3-methyl-1-(thiazolidin-3-yl)pentan-1-one hemi-fumarate

CATALOG #: 2571-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₉H₁₈N₂OS · 1/2(C₄H₄O₄)

MOLECULAR WEIGHT: 260.36

CAS No. 136259-20-6

APPEARANCE: White solid

SOLUBILITY: DMSO (~25 mg/ml) or H₂O (~ 20 mg/ml)

PURITY: ≥98% by TLC

STORAGE: Store at -20°C. Protect from air and moisture

DESCRIPTION: Cell-permeable. A potent, specific, and competitive transition-state substrate analog inhibitor of dipeptidyl peptidase IV (DPPIV) (K_i=130 nM). May be used in cell culture (1-10 μM) or Experimental anti-diabetic agent. Has been used in vivo and cell culture.

REFERENCES: Augstein, P., *et al.* (2008). *Diabetes Obes. Metab.* **10**, 850-861.

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**)
DPP4 Activity Assay Kit (**Cat. No. K779-100**)
DPP4 Inhibitor Screening Kit (**Cat. No. K780-100**)
Linagliptin (**Cat. No. 2240-50, 250**)
Sitagliptin Phosphate Monohydrate (**Cat. No. 1757-100, 1G**)
Vildagliptin (**Cat. No. 2188-10, 50**)

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