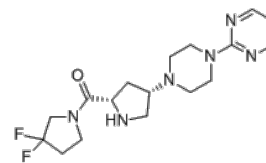


Product Name : Gosogliptin
Cat. No. : PC-60516
CAS No. : 869490-23-3
Molecular Formula : C₁₇H₂₄F₂N₆O
Molecular Weight : 366.417
Target : Dipeptidyl Peptidase (DPP)
Solubility : 10 mM in DMSO



Biological Activity

Gosogliptin (PF-734200, PF-00734200) is a potent, selective, competitive, orally active dipeptidyl peptidase-4 (**DPP-4**) inhibitor with IC₅₀ of 13 nM.

Gosogliptin demonstrates >200-fold selectivity over other members of the DPP family (DPP-2, DPP-3, DPP-8, and DPP-9) and the related serine proteases, FAP, aminopeptidase P, and propyl oligopeptidase.

Gosogliptin shows potential treatment for type 2 diabetes.

References

Ammirati MJ, et al. *Bioorg Med Chem Lett*. 2009 Apr 1;19(7):1991-5.

Dai H, et al. *Br J Clin Pharmacol*. 2011 Jul;72(1):85-91.

Sharma R, et al. *Drug Metab Dispos*. 2012 Nov;40(11):2143-61.

Rosenstock J, et al. *Diabet Med*. 2011 Apr;28(4):464-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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