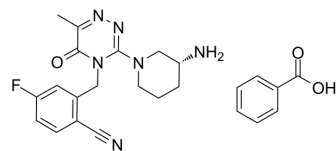


Fotagliptin benzoate

Cat. No.:	HY-123377A
CAS No.:	1403496-40-1
Molecular Formula:	C ₂₄ H ₂₅ FN ₆ O ₃
Molecular Weight:	464.49
Target:	Dipeptidyl Peptidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Fotagliptin benzoate is a Dipeptidyl Peptidase IV (DPP-4) inhibitor (IC ₅₀ =2.27 nM). Fotagliptin benzoate displays great security in rat and dog. Fotagliptin benzoate can be used for Type 2 diabetes mellitus research ^[1] .
IC ₅₀ & Target	DPP-4 22.7 nM (IC ₅₀)
In Vivo	Fotagliptin benzoate (33 mg/kg or 110 mg/kg) is safe for rat and dog at different doses respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Wang Z, et al. Development and validation of a UPLC-MS/MS method for simultaneous determination of fotagliptin and its two major metabolites in human plasma and urine. *Bioanalysis*. 2017 Feb;9(4):381-393.

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

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