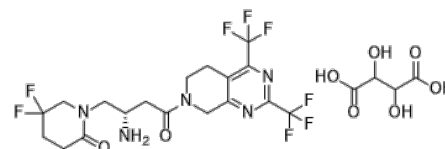


Product Name : Gemigliptin tartrate
Cat. No. : PC-27467
CAS No. : 1374639-74-3
Molecular Formula : C₂₂H₂₅F₈N₅O₈
Molecular Weight : 639.46
Target : Dipeptidyl Peptidase (DPP)
Solubility : 10 mM in DMSO



Biological Activity

Gemigliptin tartrate (LC15-0444) is a potent, selective, competitive and orally active DPP4 inhibitor (IC₅₀=10.4 nM, hDPP4) with potential for the treatment of type 2 diabetes.

Gemigliptin exhibits potent anti-glycation properties in vitro and in vivo, also improves renal function and attenuates podocyte injury in mice with diabetic nephropathy.

References

- Lim KS, et al. Br J Clin Pharmacol. 2009 Dec;68(6):883-90.
Hwang HJ, et al. Mol Cell Endocrinol. 2014 Jul 5;392(1-2):1-7.
Jung E, et al. Eur J Pharmacol. 2014 Dec 5;744:98-102.

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

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