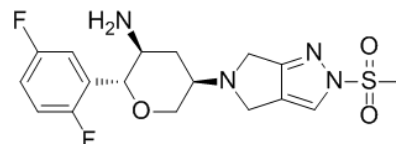


Product Name : Omarigliptin
Cat. No. : PC-44866
CAS No. : 1226781-44-7
Molecular Formula : C₁₇H₂₀F₂N₄O₃S
Molecular Weight : 398.4275
Target : Dipeptidyl Peptidase (DPP)
Solubility : 10 mM in DMSO



Biological Activity

Omarigliptin (MK-3102) is a potent and selective **DPP-4** inhibitor with IC₅₀ of 1.4 nM. Omarigliptin (MK-3102) shows high selectivity against QPP, DPP8, FAP (IC₅₀ > 20 μM). Omarigliptin (MK-3102) is efficacious in the diabetes PD model and excellent pharmacokinetic profile.

References

- Biftu T, et al. *Bioorg Med Chem Lett*. 2013 Oct 1;23(19):5361-6.
Biftu T, et al. *J Med Chem*. 2014 Apr 24;57(8):3205-12.
Burness CB. *Drugs*. 2015 Nov;75(16):1947-52.

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

E-mail: tech@probechem.com