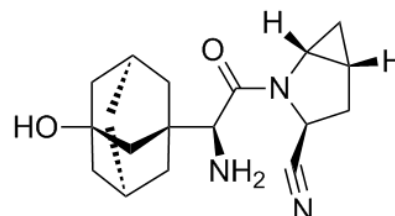


Product Name : Saxagliptin
Cat. No. : PC-42509
CAS No. : 361442-04-8
Molecular Formula : C₁₈H₂₅N₃O₂
Molecular Weight : 315.41
Target : Dipeptidyl Peptidase (DPP)
Solubility : DMSO: ≥ 34 mg/mL



Biological Activity

Saxagliptin (BMS-477118) is a highly potent, long-acting, orally active **DPP4** inhibitor with *K_i* of 0.6 nM. Saxagliptin (BMS-477118) shows no CYP3A4 inhibition up to 100 μM, and good oral exposure.

References

- Augeri DJ, et al. *J Med Chem.* 2005 Jul 28;48(15):5025-37.
Kim YB, et al. *Arch Biochem Biophys.* 2006 Jan 1;445(1):9-18.
Ikeda J, et al. *J Pharmacol Sci.* 2016 Sep;132(1):65-70.

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

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