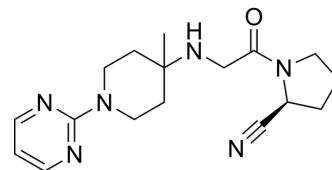


## K579

Cat. No.:	HY-103433
CAS No.:	440100-64-1
Molecular Formula:	C <sub>17</sub> H <sub>24</sub> N <sub>6</sub> O
Molecular Weight:	328.41
Target:	Dipeptidyl Peptidase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### BIOLOGICAL ACTIVITY

<b>Description</b>	K579 is a potent and orally active dipeptidyl peptidase IV inhibitor. K579 inhibits the blood glucose elevation. K579 increases the plasma insulin and active forms of glucagon-like peptide-1 (GLP-1). K579 has the potential for the research of diabetic <sup>[1]</sup> .
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<b>IC<sub>50</sub> &amp; Target</b>	DPP-4
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### REFERENCES

[1]. Takasaki K, et al. K579, a slow-binding inhibitor of dipeptidyl peptidase IV, is a long-acting hypoglycemic agent. *Eur J Pharmacol.* 2004 Feb 23;486(3):335-42.

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

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