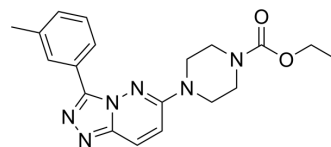


DPP-4-IN-3

Cat. No.:	HY-146455
CAS No.:	2402735-14-0
Molecular Formula:	C ₁₉ H ₂₂ N ₆ O ₂
Molecular Weight:	366.42
Target:	Dipeptidyl Peptidase; Reactive Oxygen Species
Pathway:	Metabolic Enzyme/Protease; Immunology/Inflammation; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DPP-4-IN-3 (Compound 5a) is a potent dipeptidyl peptidase IV (DPP-IV) inhibitor with an IC ₅₀ of 0.75 nM. DPP-4-IN-3 shows excellent antioxidant and insulinotropic activity ^[1] .
IC ₅₀ & Target	DPP-4

REFERENCES

[1]. Bindu B, et al. Synthesis and discovery of triazolo-pyridazine-6-yl-substituted piperazines as effective anti-diabetic drugs; evaluated over dipeptidyl peptidase-4 inhibition mechanism and insulinotropic activities. Eur J Med Chem. 2020 Feb 1;187:111912.

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

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