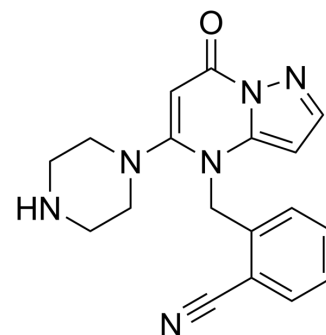


DPP-4-IN-2

Cat. No.:	HY-151384
CAS No.:	2133900-95-3
Molecular Formula:	C ₁₈ H ₁₈ N ₆ O
Molecular Weight:	334.38
Target:	Dipeptidyl Peptidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DPP-4-IN-2 (compound b2) is a potent DPP-4 (dipeptidyl peptidase 4) inhibitor, with an IC ₅₀ of 79 nM. DPP-4-IN-2 is a structurally analogs of Alogliptin (HY-A0023A). DPP-4-IN-2 can be used for diabetes research ^[1] .
IC ₅₀ & Target	DPP-4 79 nM (IC ₅₀)

REFERENCES

[1]. Shen J, et al. Structural optimization of pyrazolo[1,5-a]pyrimidine derivatives as potent and highly selective DPP-4 inhibitors. Eur J Med Chem. 2020 Dec 15;208:112850.

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

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