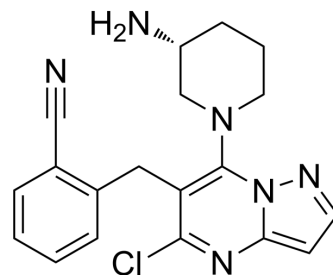


DPP-4-IN-1

Cat. No.:	HY-151383
CAS No.:	2215027-46-4
Molecular Formula:	C ₁₉ H ₁₉ ClN ₆
Molecular Weight:	366.85
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-1 (compound d1) is a potent DPP-4 (dipeptidyl peptidase 4) inhibitor, with an IC ₅₀ of 49 nM. DPP-4-IN-1 is a structurally analogs of Alogliptin (HY-A0023A). DPP-4-IN-1 can be used for diabetes research ^[1] .
IC ₅₀ & Target	DPP-4 49 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA