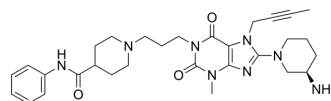


DPP-4/GPR119 modulator 2

Cat. No.:	HY-146469
CAS No.:	2010927-65-6
Molecular Formula:	C ₃₀ H ₄₀ N ₈ O ₃
Molecular Weight:	560.69
Target:	Dipeptidyl Peptidase; GPR119
Pathway:	Metabolic Enzyme/Protease; GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DPP-4/GPR119 modulator 2 (Compound 20i) is a dipeptidyl peptidase IV (DPP-IV) inhibitor and GPR119 agonist with an IC ₅₀ of 0.22 μM for DPP-IV and an EC ₅₀ of 0.95 μM for GPR119. DPP-4/GPR119 modulator 2 can be used for diabetes research ^[1] . DPP-4/GPR119 modulator 2 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
IC ₅₀ & Target	DPP-4

REFERENCES

[1]. Li G, et al. The optimization of xanthine derivatives leading to HBK001 hydrochloride as a potent dual ligand targeting DPP-IV and GPR119. Eur J Med Chem. 2020 Feb 15;188:112017.

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

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