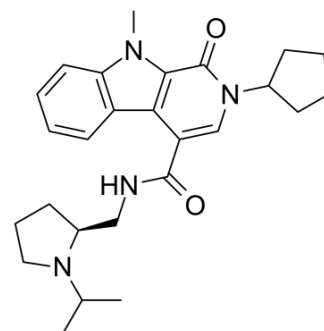


VU0453379

Cat. No.:	HY-116819
CAS No.:	1638646-27-1
Molecular Formula:	C ₂₆ H ₃₄ N ₄ O ₂
Molecular Weight:	434.57
Target:	Glucagon Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	VU0453379 is a highly selective and central nervous system (CNS) penetrant positive allosteric modulator (PAM) of glucagon-like peptide-1R (GLP-1R) with an EC ₅₀ of 1.3 μM ^[1] .
IC ₅₀ & Target	EC ₅₀ : 1.3 μM (GLP-1R) ^[1]

REFERENCES

[1]. Morris LC, et al. Discovery of (S)-2-cyclopentyl-N-((1-isopropylpyrrolidin-2-yl)-9-methyl-1-oxo-2,9-dihydro-1H-pyrido[3,4-b]indole-4-carboxamide (VU0453379): a novel, CNS penetrant glucagon-like peptide 1 receptor (GLP-1R) positive allosteric modulator (PAM). *J Med Chem.* 2014 Dec 11;57(23):10192-7.

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

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