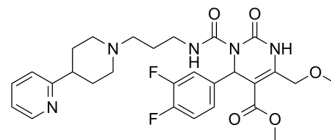


MCHR1 antagonist 1

Cat. No.:	HY-U00353
CAS No.:	391610-37-0
Molecular Formula:	C ₂₈ H ₃₃ F ₂ N ₅ O ₅
Molecular Weight:	557.59
Target:	MCHR1 (GPR24)
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MCHR1 antagonist 1 is a selective antagonist of melanin concentrating hormone-1 (MCH1) receptor, with a K _b of 1 nM and a K _i of 4 nM at human MCH1, and may be used to reduce the body mass.
IC₅₀ & Target	K _b : 1 nM (Human MCH1) ^[1] K _i : 4 nM (Human MCH1) ^[1]
In Vitro	MCHR1 antagonist 1 shows potent activities against melanin concentrating hormone-1 receptor, but less potent against human MCH1, NPY1, NPY5, GALR1, GALR2, GALR3, and rat 5HT2C receptors, with K _i s of >50000 nM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Selective melanin concentrating hormone-1 (MCH1) receptor antagonists and uses thereof. US 20030069261 A1

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

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