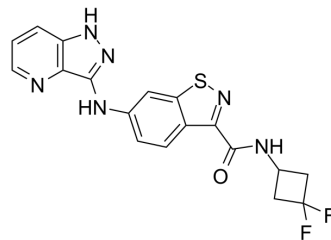


VU6001376

Cat. No.:	HY-112814
CAS No.:	1968546-34-0
Molecular Formula:	C ₁₈ H ₁₄ F ₂ N ₆ OS
Molecular Weight:	400.41
Target:	mGluR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	VU6001376 is a potent and selective positive allosteric modulator of the metabotropic glutamate receptor 4 (mGlu4 PAM) with an EC ₅₀ of 50.1 nM ^[1] .
IC ₅₀ & Target	mGlu ₄ 50.1 nM (EC50)

REFERENCES

[1]. Bollinger SR, et al. Discovery, Structure-Activity Relationship, and Biological Characterization of a Novel Series of 6-((1 H-Pyrazolo[4,3- b]pyridin-3-yl)amino)-benzo[d]isothiazole-3-carboxamides as Positive Allosteric Modulators of the Metabotropic Glutamate Receptor 4 (mGlu4). J Med Chem. 2019 Jan 10;62(1):342-358.

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

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