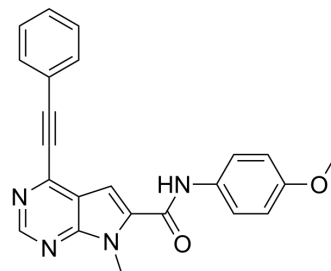


mGluR5 antagonist-1

Cat. No.:	HY-155352		
CAS No.:	2761424-76-2		
Molecular Formula:	C ₂₃ H ₁₈ N ₄ O ₂		
Molecular Weight:	382.41		
Target:	mGluR		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

mGluR5 antagonist-1 (compound 10) is a high-affinity mGluR5 antagonist, with an IC₅₀ value of 11.5 nM. mGluR5 antagonist-1 has anti-depressant effect^[1].

REFERENCES

[1]. Yonglei Du, et al. Novel substituted 4-(Arylethynyl)-Pyrrolo[2,3-d]pyrimidines negative allosteric modulators (NAMs) of the metabotropic glutamate receptor subtype 5 (mGlu5) Treat depressive disorder in mice. *Eur J Med Chem.* 2023.

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

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