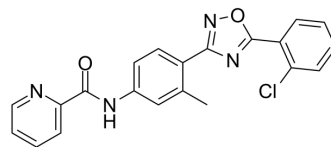


mGlu4 receptor agonist 1

Cat. No.:	HY-144698
CAS No.:	1678501-16-0
Molecular Formula:	C ₂₁ H ₁₅ ClN ₄ O ₂
Molecular Weight:	390.82
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	mGlu4 receptor agonist 1 (compound 62) is a potent mGlu4 receptor positive allosteric modulator, with an EC ₅₀ of 308 nM. mGlu4 receptor agonist 1 shows significant anxiolytic- and antipsychotic-like effect ^[1] .
IC ₅₀ & Target	mGluR4 308 ± 35 nM (EC50)

REFERENCES

[1]. Stankiewicz A, et al. New 1,2,4-oxadiazole derivatives with positive mGlu4 receptor modulation activity and antipsychotic-like properties. J Enzyme Inhib Med Chem. 2022 Dec;37(1):211-225.

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

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