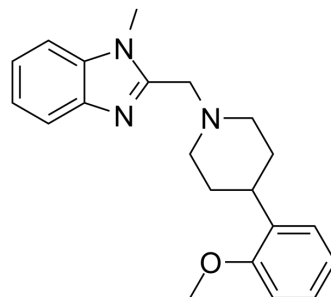


mGluR2 modulator 3

Cat. No.:	HY-147529
CAS No.:	1004614-58-7
Molecular Formula:	C ₂₁ H ₂₅ N ₃ O
Molecular Weight:	335.44
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	mGluR2 modulator 3 (compound 1) is a potent mGluR2 positive allosteric modulator with an EC ₅₀ value of 0.87 μM. mGluR2 modulator 3 has activity in psychosis disease models such as methamphetamine-induced hyperactivity and mescaline-induced scratching in mice ^[1] .
IC₅₀ & Target	mGluR2 0.87 μM (EC50)

REFERENCES

[1]. Szabó G, et al. Discovery of dihydropyrazino-benzimidazole derivatives as metabotropic glutamate receptor-2 (mGluR2) positive allosteric modulators (PAMs). *Eur J Med Chem.* 2020;186:111881.

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

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