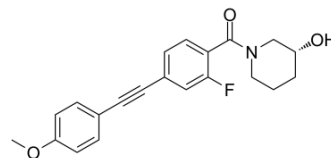


ML337

Cat. No.:	HY-16636
CAS No.:	1443118-44-2
Molecular Formula:	C ₂₁ H ₂₀ FNO ₃
Molecular Weight:	353.39
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	ML337 is a selective and brain-penetrant negative allosteric modulator of mGlu3, with an IC ₅₀ of 593 nM. ML337 possesses a favorable dystrophin myotonia protein kinase (DMPK) and ancillary pharmacology profile ^[1] .
IC ₅₀ & Target	mGluR3 593 nM (IC ₅₀)
In Vitro	ML337 has no activity at mGlu1, 2, 4, 5, 6, 7 and 8 at concentrations up to 30 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Wenthur CJ, et. al. Discovery of (R)-2-(2-fluoro-4-((4-methoxyphenyl)ethynyl)phenyl) (3-hydroxypiperidin-1-yl)methanone (ML337), an mGlu3 selective and CNS penetrant negative allosteric modulator (NAM). J Med Chem. 2013 Jun 27; 56(12): 5208-12.

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

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