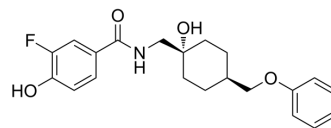


HSD17B13-IN-7

Cat. No.:	HY-161211
CAS No.:	863564-16-3
Molecular Formula:	C ₂₁ H ₂₄ FNO ₄
Molecular Weight:	373.42
Target:	17β-HSD; iGluR
Pathway:	Metabolic Enzyme/Protease; Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	HSD17B13-IN-7 (compound 1), a fluorophenol-containing compound, is a potent HSD17B13 inhibitor with IC ₅₀ s of 0.18 μM and 0.25 μM β-estradiol and Leukotriene B4 as substrates, respectively. HSD17B13-IN-7 is a potent N-methyl-D-aspartate (NMDA) NR2B receptor antagonist. HSD17B13-IN-7 has the potential for non-alcoholic fatty liver disease research ^[1] .
IC ₅₀ & Target	NR2B

REFERENCES

[1]. Shenping Liu, et al. Structural basis of lipid-droplet localization of 17-beta-hydroxysteroid dehydrogenase 13. Nat Commun. 2023 Aug 24;14(1):5158.

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

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