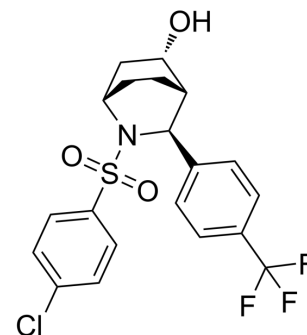


PSEN1-IN-1

Cat. No.:	HY-156011
Molecular Formula:	C ₂₀ H ₁₉ ClF ₃ NO ₃ S
Molecular Weight:	445.88
Target:	γ-secretase
Pathway:	Neuronal Signaling; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PSEN1-IN-1 (Compound (+)-13b) is a PSEN1 inhibitor. PSEN1-IN-1 inhibits PSEN1-APH1A and PSEN1-APH1B complex with IC ₅₀ s of 19 and 5.5 nM. PSEN1-IN-1 can be used for Alzheimer's disease research ^[1] .
IC ₅₀ & Target	19 and 5.5 nM for PSEN1-APH1A and PSEN1-APH1B complex ^[1]

REFERENCES

[1]. Narlawar R, et al. Discovery of brain permeable 2-Azabicyclo[2.2.2]octane sulfonamides as a novel class of presenilin-1 selective γ-secretase inhibitors. Eur J Med Chem. 2023 Nov 15;260:115725.

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

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