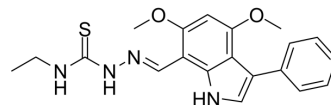


AChE-IN-8

Cat. No.:	HY-115919
CAS No.:	2919335-82-1
Molecular Formula:	C ₂₀ H ₂₂ N ₄ O ₂ S
Molecular Weight:	382.48
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AChE-IN-8 (Compound 19) is a potent inhibitor of AChE with an IC ₅₀ of 1.95 μM. AChE-IN-8 has the potential for the research of Alzheimer's disease ^[1] .
IC ₅₀ & Target	AChE

REFERENCES

[1]. Yıldız M, et al. Dimethoxyindoles based thiosemicarbazones as multi-target agents; synthesis, crystal interactions, biological activity and molecular modeling [published online ahead of print, 2022 Jan 30]. *Bioorg Chem.* 2022;120:105647.

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

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