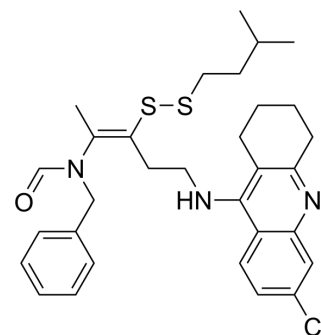


AChE-IN-44

Cat. No.:	HY-156372
CAS No.:	2758685-58-2
Molecular Formula:	C ₃₁ H ₃₈ ClN ₃ OS ₂
Molecular Weight:	568.24
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-44 (Compound Tap4) is an AChE inhibitor. AChE-IN-44 can be converted into the thiazole salt AChE inhibitor Tat2 ^[1] .
IC ₅₀ & Target	AChE

REFERENCES

[1]. Liu C, et al. Discovery of thiazole salt AChE inhibitors and development of thiamine disulfide prodrugs targeting the central nervous system. *Bioorg Chem.* 2023 Oct;139:106702.

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

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