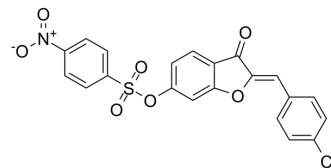


AChE-IN-37

Cat. No.:	HY-155750
CAS No.:	2978753-64-7
Molecular Formula:	C ₂₁ H ₁₂ ClNO ₇ S
Molecular Weight:	457.84
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-37 (compound A2) is an acetylcholinesterase inhibitor with an IC ₅₀ of 0.23 μM. AChE-IN-37 effects ROS levels and gene expression of NRF2 ^[1] .
IC ₅₀ & Target	IC ₅₀ =0.23 μM (acetylcholinesterase) ^[1]

REFERENCES

[1]. Abdolrahim Pourparizi, et al. Synthesis of aurone sulfonate derivatives: Evaluation of their cholinesterase inhibition, neuroprotective effects, and expression of oxidative stress-related genes. Journal of Molecular Structure.2023.

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

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