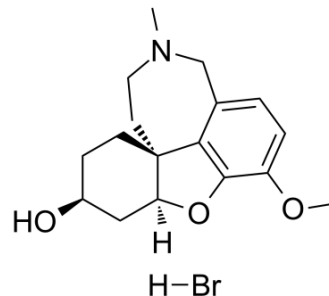


Lycoramine hydrobromide

Cat. No.:	HY-N6619
CAS No.:	89505-76-0
Molecular Formula:	C ₁₇ H ₂₄ BrNO ₃
Molecular Weight:	370.28
Target:	AChE
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Lycoramine hydrobromide, a dihydro-derivative of galanthamine, is isolated from Lycoris radiate. Lycoramine hydrobromide is a potent acetylcholinesterase (AChE) inhibitor ^{[1][2]} .
IC ₅₀ & Target	AChE ^[1]

REFERENCES

[1]. Yuan Y, et, al. Online acetylcholinesterase inhibition evaluation by high-performance liquid chromatography-mass spectrometry hyphenated with an immobilized enzyme reactor. J Chromatogr A. 2020 Jan 4; 1609:460506.

[2]. IRWIN RL, et, al. Cholinesterase inhibition by galanthamine and lycoramine. Biochem Pharmacol. 1960 May; 3:147-8.

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

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