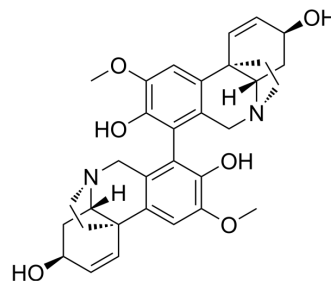


Bis-(-)-8-demethylmaritidine

Cat. No.:	HY-N12423
Molecular Formula:	C ₃₂ H ₃₆ N ₂ O ₆
Molecular Weight:	544.64
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Bis-(-)-8-demethylmaritidine, a natural alkaloid, is a potent acetylcholinesterase (AChE) inhibitor. Bis-(-)-8-demethylmaritidine can be used for Alzheimer's disease research ^[1] .
IC ₅₀ & Target	AChE

REFERENCES

[1]. Ngo Viet Duc, et al. Acetylcholinesterase inhibition studies of alkaloid components from *Crinum asiaticum* var. *sinicum*: in vitro assessments by molecular docking and molecular dynamics simulations. *J Asian Nat Prod Res.* 2023 Oct 27:1-11.

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

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