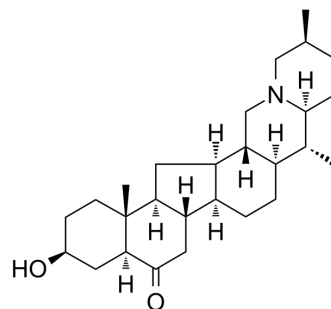


Ebeiedinone

Cat. No.:	HY-107275
CAS No.:	25650-68-4
Molecular Formula:	C ₂₇ H ₄₃ NO ₂
Molecular Weight:	413.64
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	Ebeiedinone, a steroidal alkaloid from Fritillaria species, inhibits the bioactivity of human whole blood cholinesterase (ChE) at the concentration of 0.1 mM, with the inhibitory effects of 69.0% ^[1] .	
IC ₅₀ & Target	AChE	BChE
In Vitro	Ebeiedinone has both anti-red blood cell (RBC) AChE and anti-plasma BChE activities ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Bao-Qin Lin, et al. Inhibitors of Acetylcholine Esterase in Vitro--Screening of Steroidal Alkaloids From Fritillaria Species. *Planta Med.* 2006 Jul;72(9):814-8.

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

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