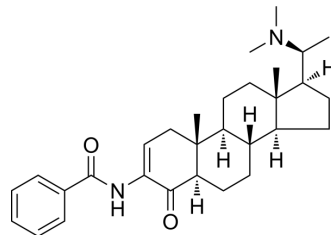


Axillaridine A

Cat. No.:	HY-N2912
CAS No.:	128255-16-3
Molecular Formula:	C ₃₀ H ₄₂ N ₂ O ₂
Molecular Weight:	462.67
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Axillaridine A can be isolated from <i>Sarcococca hookeriana</i> var. <i>digyna</i> . Axillaridine A inhibits the catalytic activity of AChE ^[1] .
IC ₅₀ & Target	AChE ^[1] .

REFERENCES

- [1]. ul-Haq Z, et al. Molecular dynamics simulation of Axillaridine-A: a potent natural cholinesterase inhibitor. *J Enzyme Inhib Med Chem*. 2009 Oct;24(5):1101-5.
- [2]. Zhang PZ, et al. Pregnane alkaloids from *Sarcococca hookeriana* var. *digyna*. *Fitoterapia*. 2013 Sep;89:143-8.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA