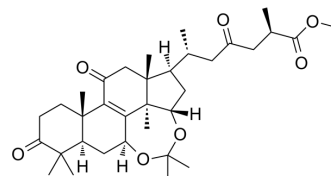


Methyl ganoderate A acetonide

Cat. No.:	HY-N11641
CAS No.:	1346453-53-9
Molecular Formula:	C ₃₄ H ₅₀ O ₇
Molecular Weight:	570.76
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Methyl ganoderate A acetonide, a lanostane triterpene, is a natural product that could be isolated from the fruiting bodies of <i>Ganoderma lucidum</i> . Methyl ganoderate A acetonide is a potent AChE inhibitor with an IC ₅₀ value of 18.35 μM. Methyl ganoderate A acetonide can be used in research of Alzheimer's disease (AD) ^[1] .
IC ₅₀ & Target	AChE

REFERENCES

[1]. Lee I, et, al. Selective cholinesterase inhibition by lanostane triterpenes from fruiting bodies of *Ganoderma lucidum*. *Bioorg Med Chem Lett*. 2011 Nov 1;21(21):6603-7.

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