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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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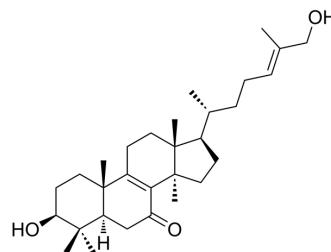
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Lucidiol

Cat. No.:	HY-N7346
CAS No.:	252351-95-4
Molecular Formula:	C ₃₀ H ₄₈ O ₃
Molecular Weight:	456.7
Target:	Cholinesterase (ChE); HSV
Pathway:	Neuronal Signaling; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Lucidiol is a natural compound isolated from <i>Ganoderma lucidum</i> . Lucidiol exhibits acetylcholinesterase-inhibitory activity, with IC ₅₀ values of 31 μM. Lucidiol shows antiviral activity against influenza virus type A and HSV type 1 ^{[1][2]} .	
IC ₅₀ & Target	AChE 31.03 μM (IC ₅₀)	BChE 156.27 μM (IC ₅₀)

REFERENCES

- [1]. Iksoo Lee, 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.
- [2]. Lee I, et al. Selective cholinesterase inhibition by lanostane triterpenes from fruiting bodies of *Ganoderma lucidum* [published correction appears in *Bioorg Med Chem Lett*. 2013 Nov 15;23(22):6199-200]. *Bioorg Med Chem Lett*. 2011;21(21):6603-6607.
- [3]. Mothana RA, et al. Antiviral lanostanoid triterpenes from the fungus *Ganoderma pfeifferi*. *Fitoterapia*. 2003;74(1-2):177-180.

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

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