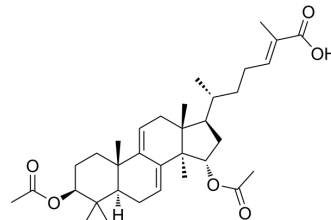


Ganodermic acid S

Cat. No.:	HY-118736
CAS No.:	112430-63-4
Molecular Formula:	C ₃₄ H ₅₀ O ₆
Molecular Weight:	554.76
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Ganodermic acid S is an oxygenated triterpenoid, that can be isolated from the Chinese medicinal fungus <i>Ganoderma lucidum</i> (Fr.) Karst (Polyporaceae). Ganodermic acid S exerts a concentration dependent inhibition on the response of human gel-filtered platelets (GFP) to U-46619 (HY-108566), a thromboxane (TX) A ₂ mimetic ^[1] .
In Vitro	Ganodermic acid S inhibits U46619-activated platelet aggregation. Ganodermic acid S strongly inhibits U46619-induced diacylglycerol formation, Ca ²⁺ mobilization, granule secretion, and arachidonic acid release ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Su CY, et al. Differential effects of ganodermic acid S on the thromboxane A₂-signaling pathways in human platelets. *Biochem Pharmacol.* 1999 Aug 15;58(4):587-95.

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

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