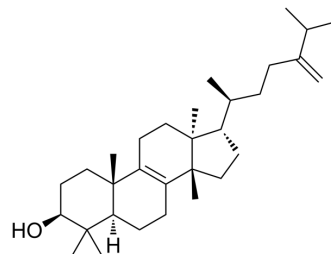


Euphorbadienol

Cat. No.:	HY-125648
CAS No.:	566-14-3
Molecular Formula:	C ₃₁ H ₅₂ O
Molecular Weight:	440.74
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Euphorbadienol (alpha-Euphorbol), a triterpene compound, isolated from the latex of <i>Euphorbia resinifera</i> . The derivatives of Euphorbadienol can be used as elicitors of disease resistance, and has antileishmanial and antitrypanosomal activity ^{[1][2]} .	
IC ₅₀ & Target	Trypanosoma	Leishmania

REFERENCES

- [1]. Smaili A, et al. Triterpene derivatives from *Euphorbia* enhance resistance against *Verticillium* wilt of tomato. *Phytochemistry*. 2017 Mar;135:169-180.
- [2]. Mazoir N, et al. Antileishmanial and antitrypanosomal activity of triterpene derivatives from latex of two *Euphorbia* species. *Z Naturforsch C J Biosci*. 2011 Jul-Aug;66(7-8):360-6.

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

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