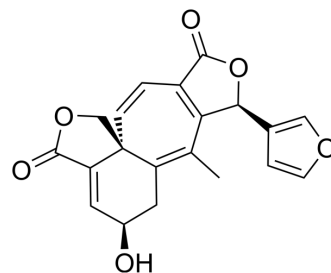


Salviandulin E

Cat. No.:	HY-N11550
CAS No.:	158994-32-2
Molecular Formula:	C ₂₀ H ₁₆ O ₆
Molecular Weight:	352.34
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Salviandulin E is a diterpenoid compound that can be isolated from <i>Salvia leucantha</i> CAV.. Salviandulin E shows antitrypanosomal activity against <i>T. b. brucei</i> GUT at 3.1 parasites with an IC ₅₀ value of 0.72 µg/mL ^{[1][2]} .
IC ₅₀ & Target	Trypanosoma
In Vitro	Salviandulin E shows cytotoxicity in MRC-5 cells with an IC ₅₀ value of 0.84 µg/mL ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Narukawa Y, et al. A novel diterpenoid with a rearranged neoclerodane skeleton from *Salvia leucantha* CAV. *J Nat Med.* 2006 Jul;60(3):206-209.
- [2]. Aoyagi Y, et al. Semisynthesis of salviandulin E analogues and their antitrypanosomal activity. *Bioorg Med Chem Lett.* 2014 Jan 15;24(2):442-6.

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

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