



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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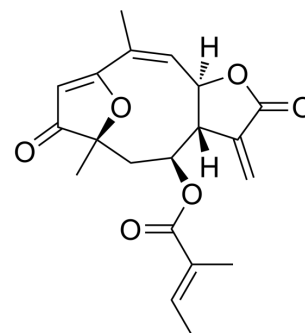
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Lychnopholide

Cat. No.:	HY-129228
CAS No.:	77448-64-7
Molecular Formula:	C ₂₀ H ₂₂ O ₆
Molecular Weight:	358.39
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Lychnopholide is a sesquiterpene lactone derived from the Asteraceae, Lychnopholide exhibits anti-trypanosomal activity against *Trypanosoma cruzi*. Lychnopholide encapsulated in nanocapsules reduces its toxicity to mammalian cells. Lychnopholide ameliorates Chagas disease in mouse models^[1].

REFERENCES

[1]. Milagre MM, et al., Lychnopholide loaded in surface modified polylactide nanocapsules (LYC-PLA-PEG-NC) cure mice infected by *Trypanosoma cruzi* strain a prototype of resistance to benznidazole and nifurtimox: First insights of its mechanism of action. *Exp Parasitol*. 2023 Dec;255:108647.

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

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