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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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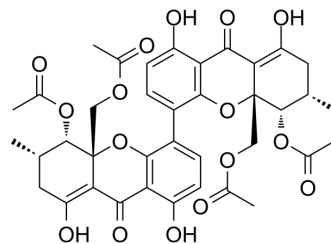
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Phomoxanthone A

Cat. No.:	HY-126640
CAS No.:	359844-69-2
Molecular Formula:	C ₃₈ H ₃₈ O ₁₆
Molecular Weight:	750.7
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Phomoxanthone A is a xanthone dimer, which can be isolated from *Phomopsis*. Phomoxanthone A exhibits antimalarial and antitubercular activities against *Plasmodium falciparum* (K1, multidrug-resistant strain, IC₅₀ is 0.11 µg/mL) and *Mycobacterium tuberculosis* (H37Ra strain, MIC is 0.50 µg/mL). Phomoxanthone A exhibits cytotoxicity in cells KB, BC-1 and Vero, IC₅₀ is 0.99, 0.51 and 1.4 µg/mL, respectively^[1].

REFERENCES

[1]. Isaka M, et al., Phomoxanthones A and B, novel xanthone dimers from the endophytic fungus *Phomopsis* species. *J Nat Prod.* 2001 Aug;64(8):1015-8.

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

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