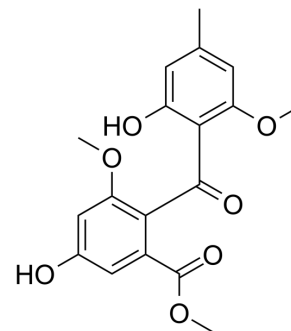


Monomethylsulochrin

Cat. No.:	HY-N8406
CAS No.:	10056-14-1
Molecular Formula:	C ₁₈ H ₁₈ O ₇
Molecular Weight:	346.33
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Monomethylsulochrin is a potent antibacterial metabolite from endophytic fungus *Aspergillus fumigatus*, isolated from *Albizia lucidior* leaves (fabaceae). Monomethylsulochrin exhibits anti-*Staphylococcus aureus* activity with minimum inhibitory concentration (MIC) of 31.25 µg/mL^[1].

REFERENCES

[1]. Mai E Hussein, et al. Identification of Antibacterial Metabolites from Endophytic Fungus *Aspergillus fumigatus*, Isolated from *Albizia lucidior* Leaves (Fabaceae), Utilizing Metabolomic and Molecular Docking Techniques. *Molecules*. 2022 Feb 8;2

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

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