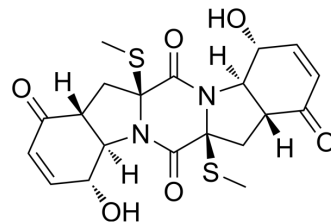


Exserohilone

Cat. No.:	HY-N12653
CAS No.:	99572-22-2
Molecular Formula:	C ₂₀ H ₂₂ N ₂ O ₆ S ₂
Molecular Weight:	450.53
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Exserohilone ((-)-Exserohilone) is a thiodiketopiperazine derivative that exhibits the inhibition of TNF-α-induced ROS generation and MMP-1 secretion. Exserohilone increases the procollagen type I α1 secretion in human dermal fibroblasts^[1].

REFERENCES

[1]. Haeun Kwon, et al. Mass spectrometry-guided isolation of thiodiketopiperazines from an EtOAc-extract of *Setosphaeria rostrata* culture medium and their anti-skin aging effects on TNF-α-induced human dermal fibroblasts. *J Antibiot (Tokyo)*. 2024 Jan 19.

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

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