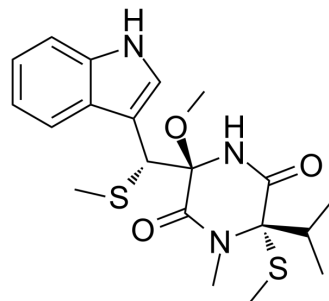


Phaeosphaone D

Cat. No.:	HY-N10285
CAS No.:	2640137-78-4
Molecular Formula:	C ₂₀ H ₂₇ N ₃ O ₃ S ₂
Molecular Weight:	421.58
Target:	Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Phaeosphaone D is a thiodiketopiperazine alkaloid compound isolated from *Phaeosphaeria fuckelii*, an endophytic fungus. Phaeosphaone D displays mushroom tyrosinase inhibitory activity with an IC₅₀ value of 33.2 μM^[1].

REFERENCES

[1]. Zhai YJ, et al. Phaeosphaones: Tyrosinase Inhibitory Thiodiketopiperazines from an Endophytic *Phaeosphaeria fuckelii*. *J Nat Prod.* 2020;83(5):1592-1597.

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

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