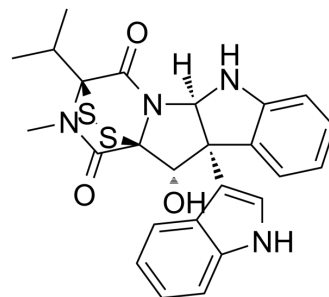


## Leptosin D

Cat. No.:	HY-N10287
CAS No.:	159518-77-1
Molecular Formula:	C <sub>25</sub> H <sub>24</sub> N <sub>4</sub> O <sub>3</sub> S <sub>2</sub>
Molecular Weight:	492.61
Target:	Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Leptosin D, a thiodiketopiperazine alkaloid, is a mushroom tyrosinase inhibitor, with an IC<sub>50</sub> of 28.4 μM<sup>[1]</sup>.

### REFERENCES

[1]. Zhai YJ, et, al. Phaeosphaones: Tyrosinase Inhibitory Thiodiketopiperazines from an Endophytic Phaeosphaeria fuckelii. J Nat Prod. 2020 May 22;83(5):1592-1597.

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

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