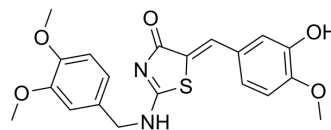


Tyrosinase-IN-19

Cat. No.:	HY-157124
Molecular Formula:	C ₂₀ H ₂₀ N ₂ O ₅ S
Molecular Weight:	400.45
Target:	Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Tyrosinase-IN-19 (compound 9) is a competitive tyrosinase inhibitor. Tyrosinase-IN-19 has strong antioxidant activities against ROS, ABTS⁺, and DPPH radicals. Tyrosinase-IN-19 suppresses tyrosinase expression in a dose-dependent manner^[1].

REFERENCES

[1]. Min Kyung Kang, et al. Identification and molecular mechanism of novel 5-alkenyl-2-benzylaminothiazol-4(5H)-one analogs as anti-melanogenic and antioxidant agents. *Bioorg Chem.* 2023.

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

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