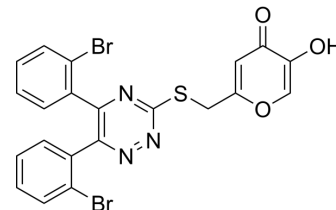


Tyrosinase-IN-14

Cat. No.:	HY-155247
Molecular Formula:	C ₂₁ H ₁₃ Br ₂ N ₃ O ₃ S
Molecular Weight:	547.22
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-14 (compound 7m) is a tyrosinase inhibitor that reduces the catalytic activity of tyrosinase by changing its secondary structure. Tyrosinase-IN-14 has low cytotoxicity and anti-browning activity in fruits. Tyrosinase-IN-14 effectively inhibits banana browning during storage^[1].

REFERENCES

[1]. He M, et al. Novel kojic acid-1,2,4-triazine hybrids as anti-tyrosinase agents: Synthesis, biological evaluation, mode of action, and anti-browning studies. Food Chem. 2023 Sep 1;419:136047...

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

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