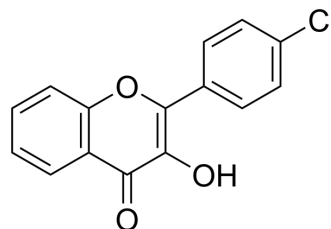


Tyrosinase-IN-4

Cat. No.:	HY-143451
CAS No.:	19275-70-8
Molecular Formula:	C ₁₅ H ₉ ClO ₃
Molecular Weight:	272.68
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-4 (compound 34) is a potent inhibitor of tyrosinase. Tyrosinase is a copper-containing metalloenzyme that is responsible for the rate-limiting catalytic step in the melanin biosynthesis and enzymatic browning. Tyrosinase-IN-4 has the potential for the research of skin whitening agents and food preservatives^[1].

REFERENCES

[1]. Li J, et al. Recent advances in the design and discovery of synthetic tyrosinase inhibitors. *Eur J Med Chem.* 2021;224:113744.

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

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