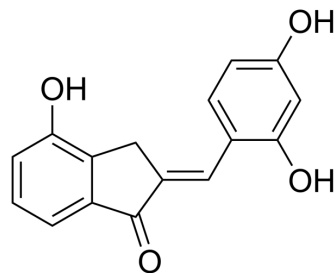


Tyrosinase-IN-8

Cat. No.:	HY-151979
Molecular Formula:	C ₁₆ H ₁₂ O ₄
Molecular Weight:	268.26
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-8 is a potent tyrosinase inhibitor with an IC ₅₀ value of 1.6 μM. Tyrosinase-IN-8 inhibits cell growth with low cytotoxicity ^[1] .
In Vitro	Tyrosinase-IN-8 (compound 23) shows cytotoxicity with an IC ₅₀ value of 29 μM, an CC ₅₀ value of 91 μM in MNT-1 whole cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Roullet B, et al. Resorcinol-based hemiindigoid derivatives as human tyrosinase inhibitors and melanogenesis suppressors in human melanoma cells. Eur J Med Chem. 2022 Nov 28;246:114972.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA