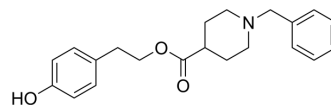


MAO-A inhibitor 2

Cat. No.:	HY-163322
Molecular Formula:	C ₂₁ H ₂₅ NO ₃
Molecular Weight:	339.43
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MAO-A inhibitor 2 (compound HT4) is a monoamine oxidase A (MAO-A) inhibitor with an IC ₅₀ of 14.3 μM. MAO-A inhibitor 2 shows a less effect on MAO-B (IC ₅₀ of 106 μM) and shows almost ineffective on xanthine oxidase (XO). MAO-A inhibitor 2 can be used for the neurodegenerative disorders and oxidative stress research ^[1] .	
IC ₅₀ & Target	MAO-A 14.3 μM (IC ₅₀)	MAO-B 106 μM (IC ₅₀)

REFERENCES

[1]. Antonio D'Errico, et al. Effect of Hydroxytyrosol Derivatives of Donepezil on the Activity of Enzymes Involved in Neurodegenerative Diseases and Oxidative Damage. *Molecules*. 2024 Jan 22;29(2):548.

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

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