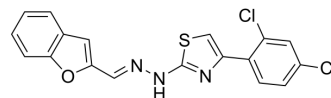


MAO-IN-4

Cat. No.:	HY-157934
CAS No.:	3023217-85-5
Molecular Formula:	C ₁₈ H ₁₁ Cl ₂ N ₃ OS
Molecular Weight:	388.27
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

MAO-IN-4 (Compound 2l) is a monoamine oxidase (MAO) inhibitor, with IC₅₀ values of 0.07 and 0.75 μM for MAO-A and MAO-B Enzymes, respectively. MAO-IN-4 can be used for the research of depression and Parkinson's disease (PD)^[1].

REFERENCES

[1]. Osmaniye D, et al. Design, Synthesis, and Biological Effect Studies of Novel Benzofuran–Thiazolyhydrazone Derivatives as Monoamine Oxidase Inhibitors. ACS Omega, 2024.

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

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