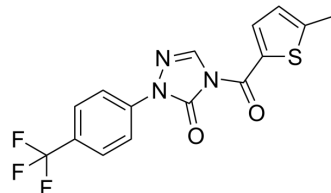


PPO-IN-8

Cat. No.:	HY-162337
Molecular Formula:	C ₁₅ H ₁₀ F ₃ N ₃ O ₂ S
Molecular Weight:	353.32
Target:	Protoporphyrinogen IX oxidase
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PPO-IN-8 (Compound D4) is a phenyltriazolinone PPO inhibitor with an IC₅₀ of 33 µg/L. PPO-IN-8 is a herbicide with a wide herbicidal spectrum and has good growth inhibition effect on dicotyledonous weeds^[1].

REFERENCES

[1]. Zhao LX, et al. Design, Synthesis, and Biological Activity of Novel Phenyltriazolinone PPO Inhibitors Containing Five-Membered Heterocycles. J Agric Food Chem. 2024 Mar 6.

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

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