



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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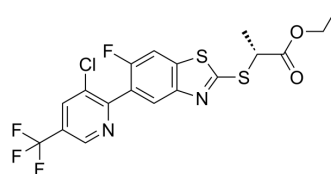
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PPO-IN-9

Cat. No.:	HY-162420
Molecular Formula:	C ₁₈ H ₁₃ ClF ₄ N ₂ O ₂ S ₂
Molecular Weight:	464.88
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PPO-IN-9 (compound(rac)-7as) a type of protoporphyrinogen oxidase(PPO) inhibitor(IC ₅₀ =0.3 μM). PPO-IN-9 shows good safety and can be used in the study of PPO inhibitor herbicide ^[1] .
In Vitro	PPO-IN-9 (150 gai/ha) exhibits efficacy exceeding 90% ^[1] . PPO-IN-9 (18.75 gai/ha) shows excellent herbicidal activity against all tested weeds ^[1] . PPO-IN-9 (75-100 g/ha) exhibits better crop safety than the commercially available FLU and SAF ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Cai H, et al. Discovery of Pyridyl-Benzothiazol Hybrids as Novel Protoporphyrinogen Oxidase Inhibitors via Scaffold Hop**[J]. Journal of Agricultural and Food Chemistry, 2024.

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

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