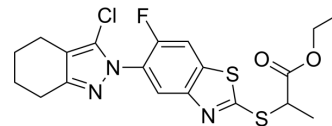


PPO-IN-3

Cat. No.:	HY-149312
CAS No.:	1879036-82-4
Molecular Formula:	C ₁₉ H ₁₉ ClFN ₃ O ₂ S ₂
Molecular Weight:	439.95
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PPO-IN-3 (Compound 8ad) is a PPO inhibitor with an K _i value of 0.67 nM. PPO-IN-3 has post-emergence herbicidal activity. PPO-IN-3 can be used for weed control ^[1] .
IC ₅₀ & Target	Ki: 0.67 nM (PPO) ^[1]

REFERENCES

[1]. Zheng BF, et al. Discovery of a Subnanomolar Inhibitor of Protoporphyrinogen IX Oxidase via Fragment-Based Virtual Screening. J Agric Food Chem. 2023 Jun 14;71(23):8746-8756.

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