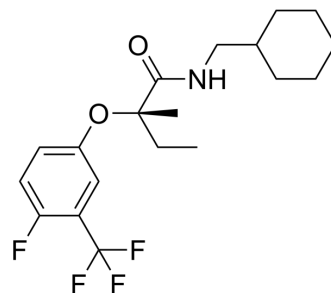


Phytoene desaturase-IN-2

Cat. No.:	HY-157024
Molecular Formula:	C ₁₉ H ₂₅ F ₄ NO ₂
Molecular Weight:	375.4
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PDS-IN-1 is a potent inhibitor of <i>Oryza sativa</i> phytoene desaturase (OsPDS), resulting in herbicidal activity ^[1] .
IC ₅₀ & Target	phytoene desaturase (PDS) ^[1]

REFERENCES

[1]. Meng Zhang, et al. Herbicidal Activity of Beflubutamid Analogues as PDS Inhibitors and SAR Analysis and Degradation Dynamics in Wheat. *J Agric Food Chem.* 2023 Oct 31.

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