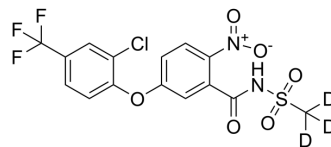


Fomesafen-d₃

Cat. No.:	HY-B2010S
Molecular Formula:	C ₁₅ H ₇ D ₃ ClF ₃ N ₂ O ₆ S
Molecular Weight:	441.78
Target:	Isotope-Labeled Compounds
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Fomesafen-d ₃ is the deuterium-labeled Fomesafen (HY-B2010). Fomesafen-d ₃ is a type of efficient and selective protoporphyrinogen IX oxidase (PPO) inhibitor. Fomesafen-d ₃ is a herbicide and has the advantages of low toxicity and high selectivity ^[1] .
In Vitro	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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