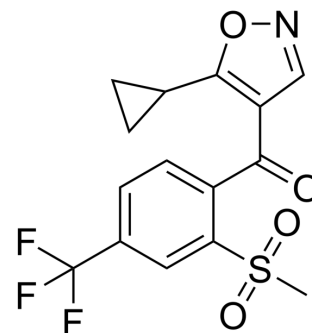


Isoxaflutole

Cat. No.:	HY-116139
CAS No.:	141112-29-0
Molecular Formula:	C ₁₅ H ₁₂ F ₃ NO ₄ S
Molecular Weight:	359.32
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Isoxaflutole (Merlin; RP-201772) is a selective herbicide for pre-emergence control of a wide range of important broadleaf and grass weeds in corn and sugarcane. Isoxaflutole is a precursor and delivery vector of diketonitrile (DKN), which is an inhibitor for 4-hydroxyphenylpyruvate dioxygenase (HPPD), leads to a characteristic bleaching of susceptible species^[1].

REFERENCES

[1]. Pallett KE, et al., Isoxaflutole: the background to its discovery and the basis of its herbicidal properties. Pest Manag Sci. 2001 Feb;57(2):133-42.

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

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