



# 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

### SZABO-SCANDIC HandelsgmbH

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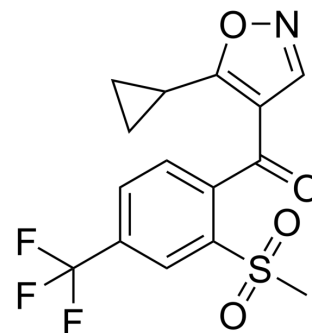
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## Isoxaflutole

Cat. No.:	HY-116139
CAS No.:	141112-29-0
Molecular Formula:	C <sub>15</sub> H <sub>12</sub> F <sub>3</sub> NO <sub>4</sub> 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<sup>[1]</sup>.

### 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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