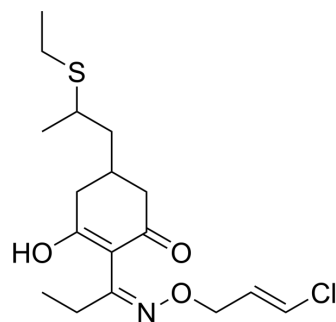


Clethodim

Cat. No.:	HY-119896
CAS No.:	99129-21-2
Molecular Formula:	C ₁₇ H ₂₆ ClNO ₃ S
Molecular Weight:	359.91
Target:	Others
Pathway:	Others
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



BIOLOGICAL ACTIVITY

Description

Clethodim is a postemergence herbicide. Clethodim shows developmental toxicity and neurotoxicity in zebrafish embryos and larvae^{[1][2]}.

REFERENCES

- [1]. Rodrigo Werle, et al. Distribution of Herbicide-Resistant Shattercane and Johnsongrass Populations in Sorghum Production Areas of Nebraska and Northern Kansas. *Agronomy Journal*, 108: 321-328.
- [2]. Wang H, et al. Clethodim exposure induced development toxicity and behaviour alteration in early stages of zebrafish life. *Environ Pollut.* 2019 Dec;255(Pt 1):113218.

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

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