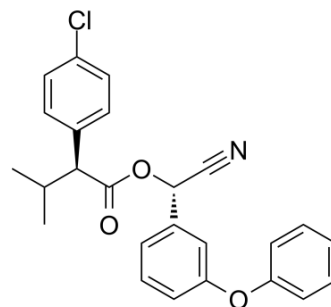


Esfenvalerate

Cat. No.:	HY-129257
CAS No.:	66230-04-4
Molecular Formula:	C ₂₅ H ₂₂ ClNO ₃
Molecular Weight:	419.9
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Esfenvalerate is one of the four isomers of the pyrethroid insecticide fenvalerate ^[1] .
In Vivo	Esfenvalerate (0.1, 1, 7.5 or 15 mg/kg/day; gavage; from gestation day (GD) 13 to 19) shows clinical signs of neurotoxicity with 15 mg/kg/day ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Anne-Marie Saillenfait, et al. The Pyrethroid Insecticides Permethrin and Esfenvalerate Do Not Disrupt Testicular Steroidogenesis in the Rat Fetus. *Toxicology*. 2018 Dec 1;410:116-124.

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