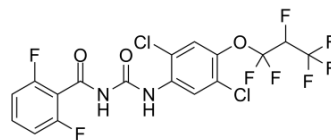


Lufenuron

Cat. No.:	HY-115584
CAS No.:	103055-07-8
Molecular Formula:	C ₁₇ H ₈ Cl ₂ F ₈ N ₂ O ₃
Molecular Weight:	511.15
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Lufenuron is a lipophilic benzoylurea insecticide and a chitin synthesis inhibitor that can be used for flea and fish lice control. Lufenuron inhibits moulting of arthropods^{[1][2]}.

REFERENCES

[1]. T C M Brock, et al. Toxicity of Sediment-Bound Lufenuron to Benthic Arthropods in Laboratory Bioassays. *Aquat Toxicol.* 2018 May;198:118-128.

[2]. Cai Wang, et al. Lufenuron Suppresses the Resistance of Formosan Subterranean Termites (Isoptera: Rhinotermitidae) to Entomopathogenic Bacteria. *J Econ Entomol.* 2013 Aug;106(4):1812-8.

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

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