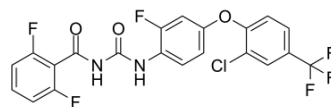


## Flufenoxuron

Cat. No.:	HY-B2009
CAS No.:	101463-69-8
Molecular Formula:	C <sub>21</sub> H <sub>11</sub> ClF <sub>6</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	488.77
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Flufenoxuron is a chitin synthesis inhibitor that is used as a benzoylurea insecticide. Flufenoxuron decreases chitin synthesis, molting, and egg hatching, preventing development in insects<sup>[1]</sup>.

### REFERENCES

[1]. Sunwoo Park, et al. Toxic Effects of Flufenoxuron on Development and Vascular Formation During Zebrafish Embryogenesis. *Aquat Toxicol.* 2019 Nov;216:105307.

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

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