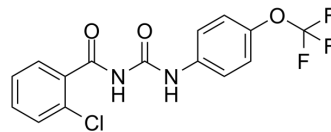


## Triflumuron

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-B2049  |
| CAS No.:           | 64628-44-0  |
| Molecular Formula: | C <sub>15</sub> H <sub>10</sub> ClF <sub>3</sub> N <sub>2</sub> O <sub>3</sub>            |
| Molecular Weight:  | 358.7   |
| Target:            | Others  |
| Pathway:           | Others  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

Triflumuron is a potent chitin synthesis inhibitor. Triflumuron shows the efficacy in emergence inhibition (EI) against *Culex quinquefasciatus* and *Aedes albopictus*, with EI<sub>50</sub> values of 5.28 and 1.59 µg/L, respectively. Triflumuron can be used as an insecticide. Triflumuron represents a potential tool for the control of disease vectors in public health<sup>[1]</sup>.

### REFERENCES

[1]. Belinato TA, et al. Effect of triflumuron, a chitin synthesis inhibitor, on *Aedes aegypti*, *Aedes albopictus* and *Culex quinquefasciatus* under laboratory conditions. *Parasit Vectors*. 2013 Apr 4;6:83.

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

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