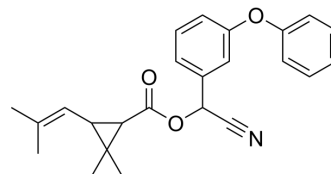


## Cyphenothrin

Cat. No.:	HY-119335
CAS No.:	39515-40-7
Molecular Formula:	C <sub>24</sub> H <sub>25</sub> NO <sub>3</sub>
Molecular Weight:	375.46
Target:	Sodium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Cyphenothrin (S-2703) is a pyrethroid pesticide. Cyphenothrin acts on the neuromuscular system of insects, intervening in the gating mechanism of sodium channels<sup>[1]</sup>.

### REFERENCES

[1]. Chrysovalantou Karanika, et al. Insecticidal efficacy of a binary combination of cyphenothrin and prallethrin, applied as surface treatment against four major stored-product insects. *Journal of Stored Products Research*. Volume 80, January 2019, Pages 41-49

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

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