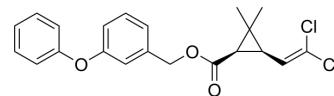


1R-cis-Permethrin

Cat. No.:	HY-B0887C		
CAS No.:	54774-45-7		
Molecular Formula:	C ₂₁ H ₂₀ Cl ₂ O ₃		
Molecular Weight:	391.29		
Target:	Parasite		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

1R-cis-Permethrin is an insecticide and neurotoxin. 1R-cis-Permethrin affects neuron membranes by prolonging sodium channel activation^[1].

REFERENCES

- [1]. Xiao X, et al. Exposure to permethrin promotes high fat diet-induced weight gain and insulin resistance in male C57BL/6J mice. *Food Chem Toxicol.* 2018 Jan;111:405-416.
- [2]. Smith LB, et al. CYP-mediated permethrin resistance in *Aedes aegypti* and evidence for trans-regulation. *PLoS Negl Trop Dis.* 2018 Nov 19;12(11):e0006933.

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

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