

## Permethrin

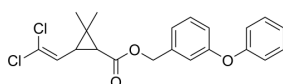
Cat. No.: HY-B0887  
 CAS No.: 52645-53-1  
 Batch No.: 17356  
 Chemical Name: Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-, (3-phenoxyphenyl)methyl ester

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{21}H_{20}Cl_2O_3$   
 Molecular Weight: 391.29  
 Storage: 

Pure form	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to yellow (Liquid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 Purity (NMR):  $\geq 98.0\%$   
 Conclusion: The product has been tested and complies with the given specifications.

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

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