

(-)-trans-Permethrin

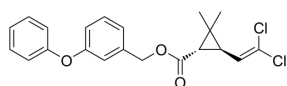
Cat. No.: HY-B0887B
CAS No.: 54774-47-9
Batch No.: 329188
Chemical Name: Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-, (3-phenoxyphenyl)methyl ester, (1S,3R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₁H₂₀Cl₂O₃
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: Colorless to light yellow (Liquid)
¹H NMR Spectrum: Consistent with structure
LCMS: Consistent with structure
Enantiomeric Excess: 100.00%
Purity (LCMS): 99.76%
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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