

Methoprene

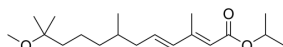
Cat. No.: HY-B1161
 CAS No.: 40596-69-8
 Batch No.: 249578
 Chemical Name: 2,4-Dodecadienoic acid, 11-methoxy-3,7,11-trimethyl-, 1-methylethyl ester, (2E,4E)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₉H₃₄O₃
 Molecular Weight: 310.47
 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
 MS: Consistent with structure
 Purity (NMR): ≥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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