Certificate of Analysis

(Rac)-Juvenile hormone III

Cat. No.: HY-N7240
CAS No.: 24198-95-6
Batch No.: 403238

Chemical Name: 2,6-Nonadienoic acid, 9-(3,3-dimethyl-2-oxiranyl)-3,7-dimethyl-, methyl ester, (2E,6E)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{16}H_{26}O_3$ Molecular Weight: 266.38

Storage: -20°C, protect from light, stored under nitrogen

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:

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ANALYTICAL DATA

Appearance: Colorless to light yellow (Oil)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥95.0%

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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