Certificate of Analysis

(±)-Jasmonic acid

Cat. No.: HY-122464
CAS No.: 77026-92-7
Batch No.: 249922

Chemical Name: Cyclopentaneacetic acid, 3-oxo-2-(2Z)-2-penten-1-yl-, (1R,2R)-rel-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{18}O_3$ Molecular Weight: 210.27

Storage: Solution, -20°C, 2 years

Chemical Structure:

OH

Relative stereochemistry

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.14%

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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