

## 1. Identification

**Catalogue Number**

J210563

**Lot Number**

3-TRJ-144-1

**Product Name**

N-[-]-Jasmonoyl]-(-)-isoleucine

**Synonyms**

N-[2-[(1R,2R)-3-Oxo-2-(2Z)-2-penten-1-ylcyclopentyl]acetyl]-L-isoleucine;  
Jasmonic Acid L-Isoleucine Conjugate;  
Jasmonic Acid Isoleucine Conjugate

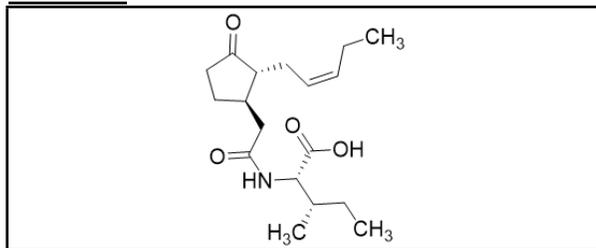
**CAS Number**

N/A

**Solubility**

Chloroform (Slightly), DMSO (Slightly)

**Structure**



**Molecular Formula**

C<sub>18</sub>H<sub>29</sub>NO<sub>4</sub>

**Source of Product**

Synthetic

**Long Term Storage Conditions**

4°C, Inert atmosphere

**Molecular Weight**

323.43

**Purity**

>95%

**Shipping Condition**

This Product Is Stable To Be Shipped At Room Temperature

## 2. Warnings

Not Determined

## 3. Analytical Information

**Tests**

Appearance

**Specifications**

White to Off-White Solid

**Results**

Off-White Solid

NMR

Conforms to Structure

Conforms

F NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.14% (ELSD)

MS

Conforms to Structure

Conforms

**Additional Information**

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

**Reviewed by**

*Farnaz Mahmoudi*

Farnaz Mahmoudi

Product Quality Specialist

**Reviewed by**

*Toni Rantanen*

Toni Rantanen

Manager, Quality Assurance

**C of A Approved by**

*Christina Gouliaras*

Christina Gouliaras

Quality Assurance Associate

**Test Date**

4/28/2025

**Retest Date**

4/26/2032