

Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
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Certificate of Analysis

Rac-Jasmonic Acid-d5 (major isomer trans)

Catalog Number:JA1010Lot Number:1220701CAS Number:1821807-88-8Molecular Formula: $C_{12}H_{13}D_5O_3$ Molecular Weight:215.30Storage: $2^{\circ}C - 8^{\circ}C$

Test	Specification	Result
Appearance	Pale yellow oil	Conforms
Assay, Total Isomers (HPLC)	≥ 95.0%	99.3%
Trans	Report	93.43%
Cis	Report	5.82%
Identification H-NMR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
Isotope (d5)	Report	90.55%
Water (KF)	Report	1.0%

Date: December 20, 2017

Approved by:
John Grubb

John Grubb, PhD

Gojira Fine Chemicals, LLC

Quality Manager

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