



Certificate of Analysis

Rac-Jasmonic Acid-d5 (major isomer trans)

Catalog Number: JA1010
Lot Number: 1220701
CAS Number: 1821807-88-8
Molecular Formula: $C_{12}H_{13}D_5O_3$
Molecular Weight: 215.30
Storage: 2°C – 8°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%

Approved by:

Date: December 20, 2017

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