



CERTIFICATE OF ANALYSIS

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1. Identification

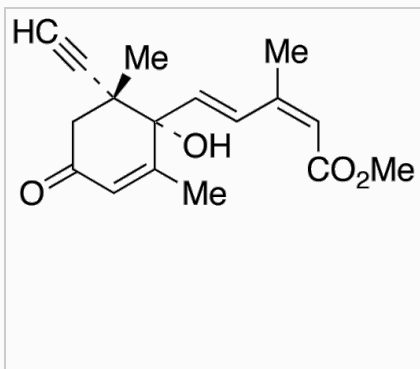
Catalogue Number: A110010

CAS Number: 192987-96-5

Product: rac 8'-Acetylene Absciscic Acid Methyl Ester

Synonym: (2Z,4E)-rel-5-[(1R,6R)-6-ethynyl-1-hydroxy-2,6-dimethyl-4-oxo-2-cyclohexen-1-yl]-3-methyl-2,4-pentadienoic Acid Methyl Ester; PBI 429;

Structure:



Molecular Formula:

C₁₇H₂₀O₄

Molecular weight:

288.34

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 22-YSW-51-4

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Light Yellow to Dark Orange Solid	Light Orange to Dark Yellow Solid
Elemental Analysis	Conforms	%C: 70.48, %H: 7.14
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	95.45% (270 nm)

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 $\pm 2\%$. 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	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjeeet Kaur	Toni Rantanen	Chanell Chu	2/21/2024	2/19/2028