



CERTIFICATE OF ANALYSIS

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1. Identification

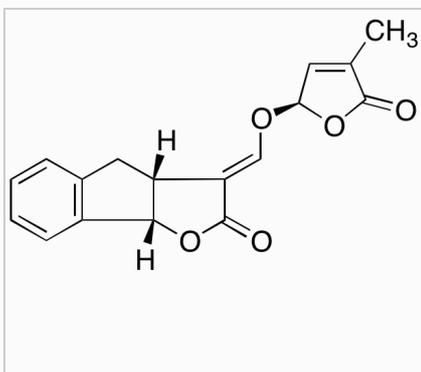
Catalogue Number: S687590

CAS Number: 76974-79-3

Product: Strigolactone GR24

Synonym: [3E(R*),3aa,8ba]-(+)-3-[[[(2,5-Dihydro-4-methyl-5-oxo-2-furanyl)oxy]methylene]-3,3a,4,8b-tetrahydro-2H-indeno[1,2-b]furan-2-one; rel-(3E,3aR,8bS)-3-[[[(2R)-2,5-Dihydro-4-methyl-5-oxo-2-furanyl]oxy]methylene]-3,3a,4,8b-tetrahydro-2H-indeno[1,2-b]furan-2-one; [3E(R*),3aa,8ba]-3-[[[(2,5-Dihydro-4-methyl-5-oxo-2-furanyl)oxy]methylene]-3,3a,4,8b-tetrahydro-2H-indeno[1,2-b]furan-2-one; GR 24;

Structure:



Molecular Formula:

C₁₇H₁₄O₅

Molecular weight:

298.29

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: TRC3-1075491-4-1

Purity: 98%

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:
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 69.40, %H: 4.69
HPLC Purity	Report Result	99.95% (240 nm)
MS	Conforms to Structure	Conforms
Appearance	White to Off-White Solid	White to Off-White Solid

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

Evan Burns

**Reviewed By**

Toni Rantanen

**C of A Approved By**

Chanell Chu

**Test Date**

6/20/2022

Retest Date

6/18/2026