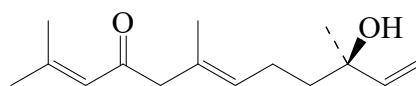




>>Entry Name: 3-Hydroxy-1,6,10-phytatrien-9-one

Synonym(s): 10-Hydroxy-2,6,10-trimethyl-2,6,11-dodecatrien-4-one, 9Cl



(R)-(E)-form

CAS Registry Number: 54877-97-3

Related CAS Registry Numbers(s): 56711-44-5 119181-75-8

Molecular Formula: C₁₅H₂₄O₂

Molecular Weight: 236.353

Accurate Mass: 236.17763

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

>>Derivative: O-(2-O-Acetyl-β-D-xylopyranoside)

CAS Registry Number: 134151-39-6

Molecular Formula: C₂₂H₃₄O₇

Molecular Weight: 410.506

Accurate Mass: 410.230455

Percentage Composition: C 64.37%; H 8.35%; O 27.28%

Biological Source: Constit. of *Polachyrus fuscus*

Physical Description: Oil

>>Variant: (R)-(E)-form

CAS Registry Number: 110044-50-3

Molecular Formula: C₁₅H₂₄O₂

Molecular Weight: 236.353

Accurate Mass: 236.17763

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

Biological Source: Constit. of a *Croton* sp.

>>Variant: (S)-(E)-form

CAS Registry Number: 58865-88-6

Molecular Formula: C₁₅H₂₄O₂

Molecular Weight: 236.353

Accurate Mass: 236.17763

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

Biological Source: Constit. of *Magnolia kobus* and stress metab. of *Solanum melongena*

Physical Description: Oil

Optical Rotation: $[\alpha]_{\text{D}}^{23} +24$ (c, 1 in CCl₄)

>>Variant: (S)-(Z)-form

Synonym(s): 9-Oxonerolidol

CAS Registry Number: 39703-15-6

Molecular Formula: C₁₅H₂₄O₂

Molecular Weight: 236.353

Accurate Mass: 236.17763

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

Biological Source: Constit. of *Brachylaena* spp., *Cinnamomum camphora* and *Magnolia liliflora*

Optical Rotation: $[\alpha]_{\text{D}}^{23} +19$

>>Variant: (±)-(E)-form

CAS Registry Number: 63357-59-5

Molecular Formula: C₁₅H₂₄O₂

Molecular Weight: 236.353

Accurate Mass: 236.17763

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

Physical Description: Oil