



>>Derivative: Ac

CAS Registry Number: 5912-87-8

Molecular Formula: C₁₂H₁₄O₃

Molecular Weight: 206.241

Accurate Mass: 206.094295

Percentage Composition: C 69.89%; H 6.84%; O 23.27%

Melting Point: Mp 79°

>>Derivative: 2-Methylbutanoyl

CAS Registry Number: 76236-22-1

Molecular Formula: C₁₅H₂₀O₃

Molecular Weight: 248.321

Accurate Mass: 248.141245

Percentage Composition: C 72.55%; H 8.12%; O 19.33%

Biological Source: Constit. of *Fitchia speciosa* and *Pimpinella* spp.

Physical Description: Oil

>>Derivative: 3-Methylbutanoyl

Synonym(s): Isoeugenol isovalerate

CAS Registry Number: 60958-23-8

Molecular Formula: C₁₅H₂₀O₃

Molecular Weight: 248.321

Accurate Mass: 248.141245

Percentage Composition: C 72.55%; H 8.12%; O 19.33%

Biological Source: Constit. of *Felicia wrightii*, *Fitchia speciosa* and *Valeriana officianalis*

>>Derivative: Benzoyl

CAS Registry Number: 6379-74-4

Molecular Formula: C₁₇H₁₆O₃

Molecular Weight: 268.312

Accurate Mass: 268.109945

Percentage Composition: C 76.10%; H 6.01%; O 17.89%

Melting Point: Mp 102-103°

>>Derivative: Phenylacetyl

Synonym(s): Isolugenol phenylacetate. FEMA 2477

CAS Registry Number: 120-24-1

Molecular Formula: C₁₈H₁₈O₃

Molecular Weight: 282.338

Accurate Mass: 282.125595

Percentage Composition: C 76.57%; H 6.43%; O 17.00%

Physical Description: Viscous liq.

>>Derivative: Benzyl ether

Synonym(s): 1-(Benzyloxy)-2-methoxy-4-(1-propenyl)benzene. 2-Methoxy-1-(phenylmethoxy)-4-(1-propenyl)benzene, 9CI. 1-(4-Benzyloxy-3-methoxyphenyl)-1-propene. Isoeugenol benzylether

Extra CAS Registry Numbers(s): 120-11-6

Molecular Formula: C₁₇H₁₈O₂

Molecular Weight: 254.328

Accurate Mass: 254.13068

Percentage Composition: C 80.28%; H 7.13%; O 12.58%

Physical Description: Prisms (petrol)

Melting Point: Mp 58-60°

>>Derivative: 1',2'-Epoxide, 3-methylbutanoyl

Synonym(s): Isoeugenoloxide isovalerate

CAS Registry Number: 22678-68-8