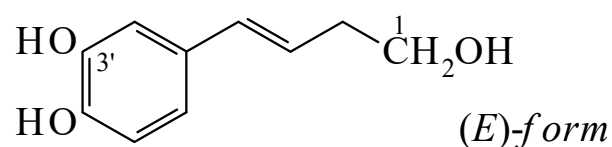




>>Entry Name: 4-(3,4-Dihydroxyphenyl)-3-buten-1-ol

Synonym(s): 2-(3,4-Dihydroxystyryl)ethanol



Related CAS Registry Numbers(s): 75560-73-5

Molecular Formula: C₁₀H₁₂O₃

Molecular Weight: 180.203

Accurate Mass: 180.078645

Percentage Composition: C 66.65%; H 6.71%; O 26.64%

>>Variant: (*E*)-form

Molecular Formula: C₁₀H₁₂O₃

Molecular Weight: 180.203

Accurate Mass: 180.078645

Percentage Composition: C 66.65%; H 6.71%; O 26.64%

>>Derivative: 1-Hexadecanoyl

CAS Registry Number: 76252-30-7

Type of Compound Code(s): VG0070

Molecular Formula: C₂₈H₄₆O₄

Molecular Weight: 446.669

Accurate Mass: 446.33961

Percentage Composition: C 75.29%; H 10.38%; O 14.33%

Biological Source: Constit. of *Zingiber cassumunar* (Zingiberaceae)

Physical Description: Cryst. (EtOH)

Melting Point: Mp 61-62°

>>Derivative: 3'-Me ether, 1-Ac

Synonym(s): 4-[4-(Acetyloxy-1-butenyl)]-2-methoxyphenol, 9CI. 4-(4-Hydroxy-3-methoxyphenyl)-3-buten-1-yl acetate

CAS Registry Number: 164661-10-3

Type of Compound Code(s): VG0070

Molecular Formula: C₁₃H₁₆O₄

Molecular Weight: 236.267

Accurate Mass: 236.10486

Percentage Composition: C 66.09%; H 6.83%; O 27.09%

Biological Source: Constit. of the rhizomes of *Zingiber cassumunar*

>>Derivative: 3',4'-Di-Me ether

Synonym(s): 4-(3,4-Dimethoxyphenyl)-3-buten-1-ol. 2-(3,4-Dimethoxystyryl)ethanol

CAS Registry Number: 69768-97-4

Type of Compound Code(s): VG0070

Molecular Formula: C₁₂H₁₆O₃

Molecular Weight: 208.257

Accurate Mass: 208.109945

Percentage Composition: C 69.21%; H 7.74%; O 23.05%

Biological Source: Constit. of the rhizomes of *Zingiber cassumunar*

Physical Description: Pale yellow oil

>>Derivative: 3',4'-Di-Me ether, 1-Ac

Synonym(s): 4-(3,4-Dimethoxyphenyl)-3-buten-1-yl acetate

CAS Registry Number: 69768-98-5

Type of Compound Code(s): VG0070

Molecular Formula: C₁₄H₁₈O₄

Molecular Weight: 250.294

Accurate Mass: 250.12051

Percentage Composition: C 67.18%; H 7.25%; O 25.57%

Biological Source: Constit. of the rhizomes of *Zingiber cassumunar*

Physical Description: Pale yellow oil