



Optical Rotation: $[\alpha]_{\text{D}}^{23} -21$ (c, 0.3 in Me₂CO)

>>>**Derivative:** 1-*O*-4-Hydroxy-3-methoxycinnamoyl(*E*-)

Synonym(s): *p*-Hydroxyphenethyl *trans*-ferulate

CAS Registry Number: 84873-15-4

Molecular Formula: C₁₈H₁₈O₅

Molecular Weight: 314.337

Accurate Mass: 314.115425

Percentage Composition: C 68.78%; H 5.77%; O 25.45%

Biological Source: Constit. of *Heracleum lanatum* var. *nipponicum*, *Oenanthe javanica* and *Stephania longa*

Physical Description: Powder

Melting Point: Mp 165-166°

>>>**Derivative:** 4'-Me ether

Synonym(s): 2-(4-Methoxyphenyl)ethanol

CAS Registry Number: 702-23-8

Molecular Formula: C₉H₁₂O₂

Molecular Weight: 152.193

Accurate Mass: 152.08373

Percentage Composition: C 71.03%; H 7.95%; O 21.03%

Boiling Point: Bp₁₃ 143°

Aldrich: 15418-0

Fluka: 65160

>>>**Derivative:** 4'-Me ether, 1-*O*-β-D-glucopyranoside

Synonym(s): Viridoside

CAS Registry Number: 78108-19-7

Molecular Formula: C₁₅H₂₂O₇

Molecular Weight: 314.335

Accurate Mass: 314.136555

Percentage Composition: C 57.32%; H 7.05%; O 35.63%

Biological Source: Constit. of *Rhodiola viridula*. Also isol. from cell cultures of *Catharanthus roseus* and *Strobilanthes ayerianus* treated with *p*-methoxyphenylethylamine

Melting Point: Mp 115-116°

Optical Rotation: $[\alpha]_{\text{D}}^{25} -28$ (c, 2 in MeOH)

>>>**Derivative:** 4'-*O*-(3-Methyl-2-butenyl)

Synonym(s): 2-[4-(Prenyloxy)phenyl]ethanol. **Etrogol**

CAS Registry Number: 119417-97-9

Molecular Formula: C₁₃H₁₈O₂

Molecular Weight: 206.284

Accurate Mass: 206.13068

Percentage Composition: C 75.69%; H 8.79%; O 15.51%

Biological Source: Isol. from the roots of *Citrus* spp.

Physical Description: Oil

References: