



Synonym(s): (4-Hydroxy-3-methoxyphenyl)ethanol. 4-Hydroxy-3-methoxybenzeneethanol. Homovanillyl alcohol

CAS Registry Number: 2380-78-1

Type of Compound Code(s): VG0010

Molecular Formula: C₉H₁₂O₃

Molecular Weight: 168.192

Accurate Mass: 168.078645

Percentage Composition: C 64.27%; H 7.19%; O 28.54%

Biological Source: Isol. from various plant spp. Constit. of mandibular secretion of honeybees

Aldrich: 14883-0

Sigma: H8382

>>Derivative: 3'-Me ether, 4'-O-β-D-glucopyranoside

CAS Registry Number: 104380-15-6

Type of Compound Code(s): VG0010

Molecular Formula: C₁₅H₂₂O₈

Molecular Weight: 330.334

Accurate Mass: 330.13147

Percentage Composition: C 54.54%; H 6.71%; O 38.75%

Biological Source: Constit. of *Cinnamomum reticulatum* and *Urtica dioica*

>>Derivative: 3'-Me ether, 1-O-[α-L-rhamnopyranosyl-(1→3)-β-D-glucopyranoside]

Synonym(s): Cistanoside E

CAS Registry Number: 97400-08-3

Type of Compound Code(s): VG0010

Molecular Formula: C₂₁H₃₂O₁₂

Molecular Weight: 476.477

Accurate Mass: 476.18938

Percentage Composition: C 52.94%; H 6.77%; O 40.29%

Biological Source: Isol. from *Cistanche salsa*

Physical Description: Amorph.

>>Derivative: 3'-Me ether, 1-O-[α-L-rhamnopyranosyl-(1→3)-[3,4-dihydroxycinnamoyl-(→4)]-β-D-glucopyranoside]

Synonym(s): Cistanoside C

CAS Registry Number: 94492-22-5

Molecular Formula: C₃₀H₃₈O₁₅

Molecular Weight: 638.621

Accurate Mass: 638.221075

Percentage Composition: C 56.42%; H 6.00%; O 37.58%

Biological Source: Constit. of *Cistanche salsa*

Physical Description: Amorph. powder

Optical Rotation: [α]_D¹⁹ -88.4 (c, 0.86 in MeOH)

>>Derivative: 3'-Me ether, 1-O-[α-L-rhamnopyranosyl-(1→3)-[β-D-apiofuranosyl-(1→6)]-[4-hydroxy-3-methoxy-*E*-cinnamoyl-(→4)]-β-D-glucopyranoside]

Synonym(s): Lamiophlomiside A

CAS Registry Number: 165406-97-3

Type of Compound Code(s): VE9300 VG0060

Molecular Formula: C₃₆H₄₈O₁₉

Molecular Weight: 784.764

Accurate Mass: 784.278985

Percentage Composition: C 55.10%; H 6.16%; O 38.74%

Biological Source: Constit. of *Lamiophlomis rotata*

Melting Point: Mp 107-108°