



Molecular Formula: C₂₂H₂₈O₆
Molecular Weight: 388.46
Accurate Mass: 388.18859
Percentage Composition: C 68.02%; H 7.26%; O 24.71%
Biological Source: Constit. of *Coleus xanthanthus*
Physical Description: Cryst.
Melting Point: Mp 190.5-192°
Optical Rotation: [α]_D¹⁴+20.5 (c, 0.88 in CHCl₃)
UV: [neutral] $\lambda_{\max}$ 258 (); 284 (); 368 () (no solvent reported)

>>Derivative: 12-Me ether

Synonym(s): 6,11,14-Trihydroxy-12-methoxy-5,8,11,13-abietatetraen-7-one. Coleon U methyl ether

Molecular Formula: C₂₁H₂₈O₅
Molecular Weight: 360.449
Accurate Mass: 360.193675
Percentage Composition: C 69.98%; H 7.83%; O 22.19%
Biological Source: Constit. of *Nepeta leucophylla*
Physical Description: Cryst. (Et₂O)
Melting Point: Mp 169.5-170.5°

>>Derivative: 15,16-Didehydro, 12-Me ether

Synonym(s): Dehydrocoleon U methyl ether

Molecular Formula: C₂₁H₂₆O₅
Molecular Weight: 358.433
Accurate Mass: 358.178025
Percentage Composition: C 70.37%; H 7.31%; O 22.32%
Biological Source: Constit. of *Nepeta elliptica*
Physical Description: Light yellow cryst.
Melting Point: Mp 247-248°

>>Derivative: 14-Deoxy

Synonym(s): 6,11,12-Trihydroxy-5,8,11,13-abietatetraen-7-one. **6-Hydroxysalvinolone**

CAS Registry Number: 88664-09-9

Molecular Formula: C₂₀H₂₆O₄
Molecular Weight: 330.423
Accurate Mass: 330.18311
Percentage Composition: C 72.70%; H 7.93%; O 19.37%
Biological Source: Constit. of *Salvia phlomoides*, *Cryptomeria japonica* and *Salvia montbretii*
Physical Description: Yellow prisms (EtOAc/hexane)
Melting Point: Mp 205-207°
Optical Rotation: [α]_D²²+42 (c, 0.1 in CHCl₃)

>>Derivative: 14-Deoxy, 11-Me ether

Synonym(s): **6,12-Dihydroxy-11-methoxy-5,8,11,13-abietatetraen-7-one**

Molecular Formula: C₂₁H₂₈O₄
Molecular Weight: 344.45
Accurate Mass: 344.19876
Percentage Composition: C 73.23%; H 8.19%; O 18.58%
Physical Description: Cryst.
Melting Point: Mp 182-183°
Optical Rotation: [α]_D³⁰+3.3 (c, 0.3 in CHCl₃)