



Molecular Formula: C₂₃H₂₈O₁₂
Molecular Weight: 496.467
Accurate Mass: 496.15808
Percentage Composition: C 55.64%; H 5.68%; O 38.67%
Biological Source: Constit. of *Veronica anagallis-aquatica*
Physical Description: Amorph. powder

>> **Derivative:** 8-Epimer, 7-(4-methoxycinnamoyl)(*E*-)
Synonym(s): Scrophularoside A₁

CAS Registry Number: 240819-14-1

Molecular Formula: C₂₆H₃₂O₁₂
Molecular Weight: 536.532
Accurate Mass: 536.18938
Percentage Composition: C 58.20%; H 6.01%; O 35.78%
Biological Source: Constit. of *Scrophularia nodosa*
Physical Description: Amorph. powder
Optical Rotation: [α]_D²³ -67.8 (c, 0.58 in MeOH)
UV: [neutral] $\lambda_{\max}$ 227 (log ϵ 4.35); 298 (sh) (log ϵ 4.31); 309 (log ϵ 4.34) (MeOH)

>> **Derivative:** 7-Deoxy, Me ester
Synonym(s): 7-Deoxyloganin

CAS Registry Number: 26660-57-1

Molecular Formula: C₁₇H₂₆O₉
Molecular Weight: 374.387
Accurate Mass: 374.157685
Percentage Composition: C 54.54%; H 7.00%; O 38.46%
Biological Source: Constit. of *Strychnos nux-vomica*
Biological Use/Importance: *In vivo* precursor of Loganim
Physical Description: Cryst. (as tetra-Ac)
Melting Point: Mp 115-116° (tetra-Ac)

>> **Derivative:** Aglycone, Me ester
Synonym(s): Loganetin. Loganol

CAS Registry Number: 29748-10-5

Molecular Formula: C₁₁H₁₆O₅
Molecular Weight: 228.244
Accurate Mass: 228.099775
Percentage Composition: C 57.89%; H 7.07%; O 35.05%
Biological Source: Constit. of *Alibertia macrophylla*
Use/Importance: Amorph.
Optical Rotation: [α]_D²⁰ -24 (EtOH)
UV: [neutral] $\lambda_{\max}$ 230 () (MeOH) (Berdy)

>> **Derivative:** Aglycone, 7-ketone, Me ester
Synonym(s): 7-Dehydrologanetin

CAS Registry Number: 253124-09-3
Extra CAS Registry Numbers(s): 253124-10-6

Molecular Formula: C₁₁H₁₄O₅
Molecular Weight: 226.229
Accurate Mass: 226.084125
Percentage Composition: C 58.40%; H 6.24%; O 35.36%
Biological Source: Constit. of *Jasminum odoratissimum*
Other Data: Mixt. of 1-epimers

>> **Derivative:** Aglycone, 1-epimer, Me ester
Synonym(s): 1-Epiloganetin

CAS Registry Number: 145512-32-9