



CAS Registry Number: 58822-47-2

Molecular Formula: C₁₇H₂₄O₁₁

Molecular Weight: 404.37

Accurate Mass: 404.131865

Percentage Composition: C 50.50%; H 5.98%; O 43.52%

Biological Source: Constit. of *Desfontainia* sp., *Guettarda* sp., *Lonicera* spp. and *Mentzelia* sp.

Optical Rotation: $[\alpha]_{\text{D}}^{20} -111.7$ (c, 0.5 in MeOH)

UV: [neutral] λ_{max} 233 (log ϵ 4.04) (MeOH)

>> **Derivative:** 7-Carboxylic acid, Me ester

>> **Derivative:** 11-Carboxylic acid, 2'-(3,4-dihydroxycinnamoyl)(*E*-)

Synonym(s): Alboside IV

CAS Registry Number: 239791-89-0

Molecular Formula: C₂₅H₃₀O₁₃

Molecular Weight: 538.504

Accurate Mass: 538.168645

Percentage Composition: C 55.76%; H 5.61%; O 38.62%

Biological Source: Constit. of *Chiococca alba*

Physical Description: Gum

Optical Rotation: $[\alpha]_{\text{D}} -51.5$ (c, 0.5 in H₂O)

UV: [neutral] λ_{max} 210 (); 238 (); 325 () (MeOH)

References:

- Calis, I. *et al.*, *Phytochemistry*, 1984, **23**, 2539, (*Secoxyloganin*)
Kikuchi, M. *et al.*, *CA*, 1988, **109**, 89748, (*Syringalactone B*)
Mpondo, E.M. *et al.*, *J. Nat. Prod.*, 1989, **52**, 1146, (*isol, pmr, cmr*)
Hatano, T. *et al.*, *Phytochemistry*, 1990, **29**, 2925, (*Cornuside*)
Sugiyama, M. *et al.*, *Phytochemistry*, 1993, **34**, 1169, (*Secologanoside methyl ester*)
Damtoft, S. *et al.*, *Phytochemistry*, 1994, **35**, 705, (*isol, pmr, cmr*)
Damtoft, S. *et al.*, *Phytochemistry*, 1995, **40**, 785, (*Lilacoside, pmr, cmr*)
Carbonezi, C.A. *et al.*, *Phytochemistry*, 1999, **51**, 781-785, (*Alboside IV*)