



Percentage Composition: C 53.61%; H 5.19%; O 41.20%
Biological Source: Isol. from the fronds of *Pyrrosia linearfolia*

>>**Derivative:** 7-*O*-[β -D-Xylopyranosyl-(1 $\rightarrow$ 4)- β -D-arabinopyranoside]

CAS Registry Number: 81287-62-9

Molecular Formula: C₂₅H₂₈O₁₄
Molecular Weight: 552.488
Accurate Mass: 552.14791
Percentage Composition: C 54.35%; H 5.11%; O 40.54%

>>**Derivative:** 7-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 2)- β -D-glucopyranoside]
Synonym(s): Neoeriocitrin

CAS Registry Number: 13241-32-2

Molecular Formula: C₂₇H₃₂O₁₅
Molecular Weight: 596.541
Accurate Mass: 596.174125
Percentage Composition: C 54.36%; H 5.41%; O 40.23%
Biological Source: Isol. from *Citrus* spp.
Physical Description: Cryst. (MeOH)
Melting Point: Mp 190-191°

>>**Derivative:** 7-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 6)- β -D-glucopyranoside]
Synonym(s): Eriocitrin. Eriodictioside

CAS Registry Number: 13463-28-0

Molecular Formula: C₂₇H₃₂O₁₅
Molecular Weight: 596.541
Accurate Mass: 596.174125
Percentage Composition: C 54.36%; H 5.41%; O 40.23%
Biological Source: Isol. from *Citrus* spp., *Mentha piperita* and *Myoporum tenuifolium*
Melting Point: Mp 167-172°
Optical Rotation: [α]_D²⁰ -62 (c, 1.4 in MeOH)

>>**Derivative:** 3'-Me ether
Synonym(s): 4',5,7-Trihydroxy-3'-methoxyflavanone. **Homoeriodictyol**. Eriodictyonone

CAS Registry Number: 446-71-9

Molecular Formula: C₁₆H₁₄O₆
Molecular Weight: 302.283
Accurate Mass: 302.07904
Percentage Composition: C 63.57%; H 4.67%; O 31.76%
Biological Source: Isol. from *Artemisia campestris*, *Tanacetum sibiricum*, *Eriodictyon* spp. and *Lespedeza* spp.
Physical Description: Yellowish cryst. (AcOH)
Melting Point: Mp 224°
Optical Rotation: [α]_D²⁰ -28.2 (EtOH)
UV: [neutral] $\lambda_{\max}$ 283 (); 330 () (MeOH) (Berdy) [base] $\lambda_{\max}$ 245 (); 320 () (MeOH-NAOH) (Berdy)

>>**Derivative:** 3'-Me ether, 4'-*O*- β -D-apiofuranoside, 7-*O*- β -D-glucopyranoside
Synonym(s): Viscumneoside I

CAS Registry Number: 108886-01-7

Molecular Formula: C₂₇H₃₂O₁₅
Molecular Weight: 596.541
Accurate Mass: 596.174125
Percentage Composition: C 54.36%; H 5.41%; O 40.23%
Biological Source: Isol. from *Viscum coloratum*