>>**Derivative:** 3-Ac

CAS Registry Number: 7089-38-5

Molecular Formula: $C_{32}H_{52}O_3$
Molecular Weight: 484.761
Accurate Mass: 484.391645
Percentage Composition: C 79.29%; H 10.81%; O 9.90%
Biological Source: Constit. of *Calophyllum inophyllum*, *Machaerium incorruptibile* and others
Physical Description: Cryst. ($CHCl_3$/MeOH)
Melting Point: Mp 238.5-239°
Optical Rotation: $[\alpha]_D$ +71 ($CHCl_3$)
UV: [neutral] λ_{max} 239 () (MeOH) (Berdy)

>>**Derivative:** 28-Ac
Synonym(s): 28-Acetylerythrodiol

Molecular Formula: $C_{32}H_{52}O_3$
Molecular Weight: 484.761
Accurate Mass: 484.391645
Percentage Composition: C 79.29%; H 10.81%; O 9.90%
Biological Source: Constit. of *Erythrina eriotriocha*
Physical Description: Oil
Other Data: Incorrectly named as 28-Acetoxyerythrodiol in ref.

>>**Derivative:** Di-Ac
Synonym(s): Erythrodiol diacetate. Erithrodiol diacetate

Molecular Formula: $C_{34}H_{54}O_4$
Molecular Weight: 526.798
Accurate Mass: 526.40221
Percentage Composition: C 77.52%; H 10.33%; O 12.15%
Biological Source: Constit. of *Salvia tchihatcheffii*
Physical Description: Cryst.
Melting Point: Mp 190°
Optical Rotation: $[\alpha]_D^{20}$+65 (c, 0.1 in $CHCl_3$)

>>**Derivative:** 3-Decanoyl
Synonym(s): Erythrodiol 3-decanoate

CAS Registry Number: 36286-67-6

Molecular Formula: $C_{40}H_{68}O_3$
Molecular Weight: 596.975
Accurate Mass: 596.516845
Percentage Composition: C 80.48%; H 11.48%; O 8.04%
Biological Source: Isol. from leaves of *Madhuca longifolia*
Melting Point: Mp 152°

>>**Derivative:** 3-Hexadecanoyl
Synonym(s): Erythrodiol 3-palmitate

CAS Registry Number: 19833-13-7

Molecular Formula: $C_{46}H_{80}O_3$
Molecular Weight: 681.136
Accurate Mass: 680.610745
Percentage Composition: C 81.12%; H 11.84%; O 7.05%
Biological Source: Isol. from *Madhuca latifolia*, *Bumelia obtusifolia* and *Tagetes* spp.
Physical Description: Cryst. (Me_2CO)
Melting Point: Mp 121-123°

>>**Derivative:** 3-(4-Hydroxycinnamoyl)(*E*-)
Synonym(s): *E*-Coumaroylerythrodiol

CAS Registry Number: 113476-64-5