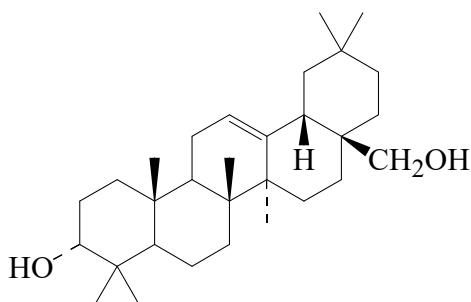




>>Entry Name: 12-Oleanene-3,28-diol
ENTRY UNDER REVIEW



Related CAS Registry Numbers(s): 52801-09-9 55869-95-9

Molecular Formula: $C_{30}H_{50}O_2$
Molecular Weight: 442.724
Accurate Mass: 442.38108
Percentage Composition: C 81.39%; H 11.38%; O 7.23%

>>Variant: 3 α -form
Synonym(s): 3-Epierythrodiol

CAS Registry Number: 55869-95-9

Molecular Formula: $C_{30}H_{50}O_2$
Molecular Weight: 442.724
Accurate Mass: 442.38108
Percentage Composition: C 81.39%; H 11.38%; O 7.23%
Biological Source: Constit. of *Salvia leucantha*
Physical Description: Cryst. (petrol/ C_6H_6)
Melting Point: Mp 208-210°

>>Variant: 3 β -form
Synonym(s): Erythrodiol. Homoolestranol

CAS Registry Number: 545-48-2

Molecular Formula: $C_{30}H_{50}O_2$
Molecular Weight: 442.724
Accurate Mass: 442.38108
Percentage Composition: C 81.39%; H 11.38%; O 7.23%
Biological Source: Constit. of *Erythroxylum novogranatense*, *Olea europaea*, *Lemaireocereus* spp., *Calendula officinalis*, grapes, olives, and other plants. Fairly widely distributed aglycone
Physical Description: Needles (Me_2CO)
Melting Point: Mp 235-237°
Optical Rotation: $[\alpha]_D +77$

>>Derivative: 3-Glycoside
Synonym(s): Myrtifolioside B

CAS Registry Number: 40839-34-7

Molecular Formula: $C_{48}H_{80}O_{17}$
Molecular Weight: 929.15
Accurate Mass: 928.539555
Percentage Composition: C 62.05%; H 8.68%; O 29.27%
Biological Source: Isol. from leaves and twigs of *Acacia myrtifolia*
Physical Description: Cryst. + $1H_2O$ (MeOH aq.)
Melting Point: Mp 250-252°
Other Data: Contains 2 D-glucose and 1 D-galactose residues

>>Derivative: 3-Glycoside
Synonym(s): Myrtifolioside A

CAS Registry Number: 39316-89-7