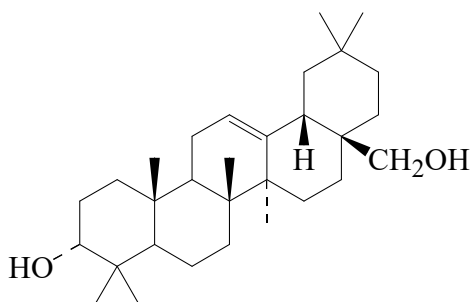




>>Entry Name: 12-Oleanene-3,28-diol  
ENTRY UNDER REVIEW



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

Molecular Formula: C<sub>30</sub>H<sub>50</sub>O<sub>2</sub>  
Molecular Weight: 442.724  
Accurate Mass: 442.38108  
Percentage Composition: C 81.39%; H 11.38%; O 7.23%

>>Variant: 3 $\alpha$ -form  
Synonym(s): 3-Epierythrodiol

CAS Registry Number: 55869-95-9

Molecular Formula: C<sub>30</sub>H<sub>50</sub>O<sub>2</sub>  
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<sub>6</sub>H<sub>6</sub>)  
Melting Point: Mp 208-210°

>>Variant: 3 $\beta$ -form  
Synonym(s): Erythrodiol. Homoolestranol

CAS Registry Number: 545-48-2

Molecular Formula: C<sub>30</sub>H<sub>50</sub>O<sub>2</sub>  
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<sub>2</sub>CO)  
Melting Point: Mp 235-237°  
Optical Rotation: [ $\alpha$ ]<sub>D</sub> +77

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

CAS Registry Number: 40839-34-7

Molecular Formula: C<sub>48</sub>H<sub>80</sub>O<sub>17</sub>  
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<sub>2</sub>O (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