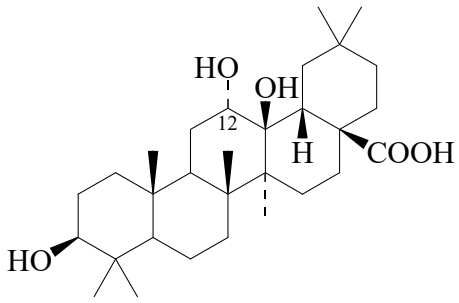
>>**Entry Name: 3,12,13-Trihydroxy-28-oleananoic acid**



(3β,12α,13β)-*form*

Related CAS Registry Numbers(s): 74048-38-7

Molecular Formula: $C_{30}H_{50}O_5$
Molecular Weight: 490.722
Accurate Mass: 490.365825
Percentage Composition: C 73.43%; H 10.27%; O 16.30%

>>**Variant:** (3β,12α,13β)-form

Molecular Formula: $C_{30}H_{50}O_5$
Molecular Weight: 490.722
Accurate Mass: 490.365825
Percentage Composition: C 73.43%; H 10.27%; O 16.30%

>>**Derivative:** 28→13 Lactone
Synonym(s): 3,12-Dihydroxy-28,13-oleananolide

Molecular Formula: $C_{30}H_{48}O_4$
Molecular Weight: 472.707
Accurate Mass: 472.35526
Percentage Composition: C 76.23%; H 10.23%; O 13.54%

>>**Derivative:** 28→13 Lactone, 3-Ac

CAS Registry Number: 62498-83-3

Molecular Formula: $C_{32}H_{50}O_5$
Molecular Weight: 514.744
Accurate Mass: 514.365825
Percentage Composition: C 74.67%; H 9.79%; O 15.54%
Biological Source: Constit. of *Rhodomyrtus tomentosa* and *Pieris japonica*
Physical Description: Cryst.
Melting Point: Mp 301-303° (284-286°)
Optical Rotation: $[\alpha]_D$ +39.7 ($CHCl_3$)
Other Data: Initially descr. in CA as an ursane

>>**Derivative:** 28→13 Lactone, 3-*O*-[β-D-xylopyranosyl-(1→3)-β-D-glucuronopyranoside]
Synonym(s): Kochianoside III

Molecular Formula: $C_{41}H_{64}O_{14}$
Molecular Weight: 780.948
Accurate Mass: 780.42961
Percentage Composition: C 63.06%; H 8.26%; O 28.68%
Biological Source: Constit. of *Kochia scoparia*
Physical Description: Cryst. ($CHCl_3$/MeOH)
Melting Point: Mp 224-225°
Optical Rotation: $[\alpha]_D^{26}$+47.9 (c, 0.6 in MeOH)