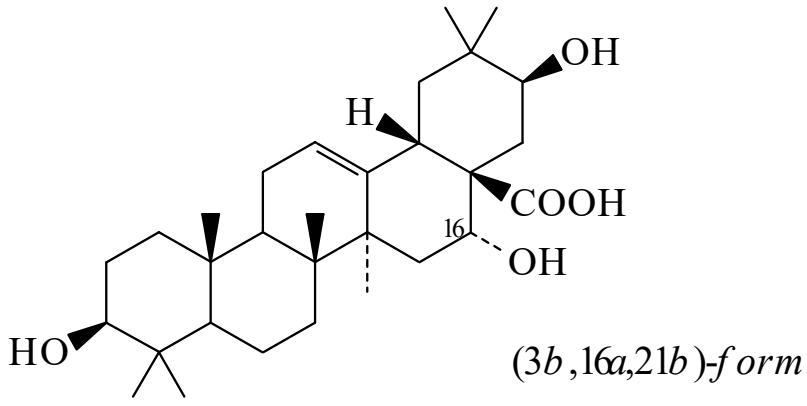
>>**Entry Name: 3,16,21-Trihydroxy-12-oleanen-28-oic acid**



Related CAS Registry Numbers(s): 68247-77-8

Molecular Formula: $C_{30}H_{48}O_5$
Molecular Weight: 488.706
Accurate Mass: 488.350175
Percentage Composition: C 73.73%; H 9.90%; O 16.37%

>>**Variant:** (3β,16α,21β)-form
Synonym(s): Acacic acid. Acacinoic acid
CAS Registry Number: 1962-14-7

Molecular Formula: $C_{30}H_{48}O_5$
Molecular Weight: 488.706
Accurate Mass: 488.350175
Percentage Composition: C 73.73%; H 9.90%; O 16.37%
Biological Source: Sapogenin from *Acacia intsia*, *Acacia concinna* and *Albizzia odoratissima*
Physical Description: Cryst.
Melting Point: Mp 280-281° (268-272°)

>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→4)-β-D-glucopyranoside]
Synonym(s): Sonunin II

CAS Registry Number: 88513-58-0

Molecular Formula: $C_{42}H_{68}O_{15}$
Molecular Weight: 812.99
Accurate Mass: 812.455825
Percentage Composition: C 62.05%; H 8.43%; O 29.52%
Biological Source: Constit. of *Acacia concinna*

>>**Derivative:** Glycoside
Synonym(s): Lebbekanin E

CAS Registry Number: 62534-66-1

Biological Source: Isol. from wood of *Albizzia lebbek*
Biological Use/Importance: Shows spermicidal activity
Melting Point: Mp 125-126°
Optical Rotation: $[\alpha]_D$ –39.21
Other Data: Gives Glc, Ara, Xyl, Rha 4:2:1:1 on hydrol.

>>**Derivative:** Glycoside
Synonym(s): Samanin B

CAS Registry Number: 66796-57-4

Biological Source: Isol. from *Pithecolobium saman* beans
Physical Description: Powder
Melting Point: Mp 194-196°
Optical Rotation: $[\alpha]_D$ –74 (c, 0.98 in MeOH)
Other Data: Gives acacic acid and Glc, Ara, Xyl, Rha 4:2:1:1 on hydrol.

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