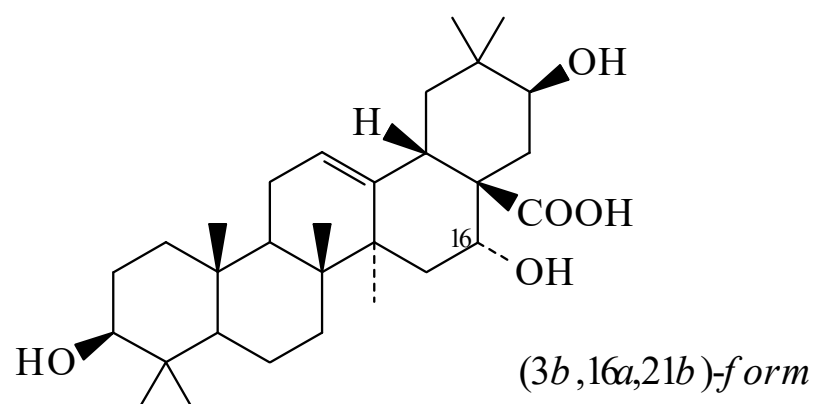




>>Entry Name: 3,16,21-Trihydroxy-12-oleanen-28-oic acid



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

Molecular Formula: C₃₀H₄₈O₅

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: C₃₀H₄₈O₅

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: C₄₂H₆₈O₁₅

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: [α]_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: [α]_D -74 (c, 0.98 in MeOH)

Other Data: Gives acacic acid and Glc, Ara, Xyl, Rha 4:2:1:1 on hydrol.