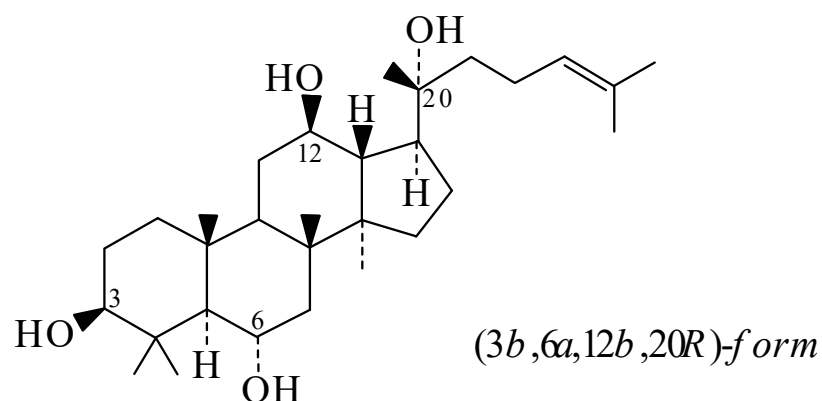




>>Entry Name: Dammar-24-ene-3,6,12,20-tetrol



Molecular Formula: C₃₀H₅₂O₄

Molecular Weight: 476.738

Accurate Mass: 476.38656

Percentage Composition: C 75.58%; H 10.99%; O 13.42%

>>Variant: (3β,6α,12β,20*R*)-form

Synonym(s): (20*R*)-Protopanaxatriol

CAS Registry Number: 1453-93-6

Molecular Formula: C₃₀H₅₂O₄

Molecular Weight: 476.738

Accurate Mass: 476.38656

Percentage Composition: C 75.58%; H 10.99%; O 13.42%

Physical Description: Cryst. (CHCl₃)

Melting Point: Mp 233-235°

Optical Rotation: [α]_D¹⁶ -8.2 (CHCl₃)

Solubility: BERDY SOL: Sol. MeOH, butanol

>>Derivative: Glycoside (1)

Synonym(s): Panaxoside B

Biological Source: Glycoside from *Panax ginseng*

Other Data: Struct. unknown. Data inaccessible

>>Derivative: Glycoside (2)

Synonym(s): Panaxoside C

Molecular Formula: C₄₈H₈₂O₁₇

Molecular Weight: 931.166

Accurate Mass: 930.555205

Percentage Composition: C 61.91%; H 8.88%; O 29.21%

Biological Source: Glycoside from *Panax ginseng*

Physical Description: Cryst. (1-butanol/butanone)

Melting Point: Mp 185-187°

Optical Rotation: [α]_D -4.3 (c, 2.76 in MeOH)

Other Data: Struct. unknown. On hydrol. gives glucose and rhamnose ratio 3:1. The MF given here is required by a glycoside with 3 Glc and 1 Rha, but that does not correspond with the anal. figures given

>>Variant: (3β,6α,12β,20*S*)-form

Synonym(s): (20*S*)-Protopanaxatriol

CAS Registry Number: 34080-08-5

Molecular Formula: C₃₀H₅₂O₄

Molecular Weight: 476.738

Accurate Mass: 476.38656

Percentage Composition: C 75.58%; H 10.99%; O 13.42%

Physical Description: Noncryst.

Optical Rotation: [α]_D²¹ +42.9 (CHCl₃)

Solubility: BERDY SOL: Sol. MeOH, butanol