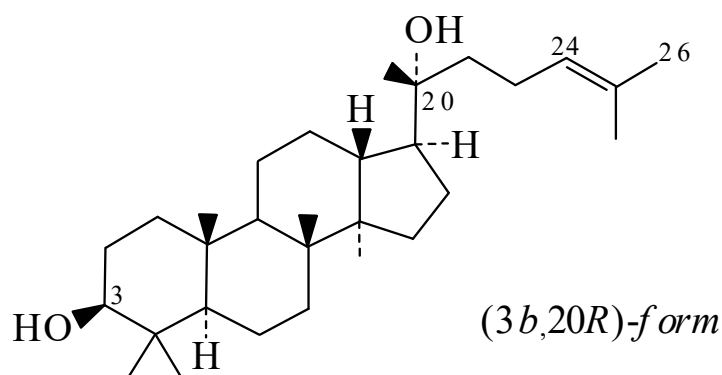




>>Entry Name: Dammar-24-ene-3,20-diol



CAS Registry Number: 19132-83-3

Molecular Formula: C₃₀H₅₂O₂

Molecular Weight: 444.74

Accurate Mass: 444.39673

Percentage Composition: C 81.02%; H 11.78%; O 7.19%

>>Variant: (3β,20*R*)-form

Synonym(s): Dammarenediol I

CAS Registry Number: 14351-28-1

Molecular Formula: C₃₀H₅₂O₂

Molecular Weight: 444.74

Accurate Mass: 444.39673

Percentage Composition: C 81.02%; H 11.78%; O 7.19%

Biological Source: Constit. of Dammar resin

Physical Description: Cryst. (MeOH aq. or MeNO₂)

Melting Point: Mp 142-144°

Optical Rotation: [α]_D +27 (c, 1.2 in CHCl₃)

>>Variant: (3β,20*S*)-form

Synonym(s): Dammarenediol II

CAS Registry Number: 14351-29-2

Molecular Formula: C₃₀H₅₂O₂

Molecular Weight: 444.74

Accurate Mass: 444.39673

Percentage Composition: C 81.02%; H 11.78%; O 7.19%

Biological Source: Constit. of Dammar resin

Physical Description: Cryst. (MeOH aq. or MeNO₂)

Melting Point: Mp 131-133°

Optical Rotation: [α]_D +33 (c, 1.2 in CHCl₃)

>>Derivative: 3-*O*-[β-D-Glucopyranosyl-(1→2)-β-D-glucopyranoside], 20-*O*-β-D-glucopyranoside

Synonym(s): Vinaginsenoside R3

CAS Registry Number: 156012-92-9

Molecular Formula: C₄₈H₈₂O₁₇

Molecular Weight: 931.166

Accurate Mass: 930.555205

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

Biological Source: Constit. of *Panax vietnamensis*

Physical Description: Needles (MeOH aq.)

Melting Point: Mp 254-256° (dec.)

Optical Rotation: [α]_D¹⁸ -15 (c, 0.6 in MeOH)