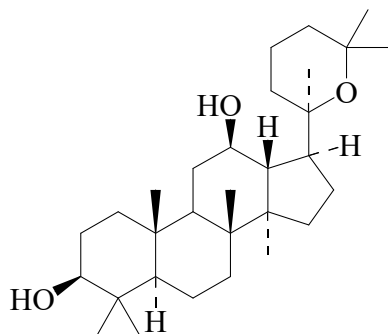




>>Entry Name: Panaxadiol

Synonym(s): 20*R*,25-Epoxydammarane-3 β ,12 β -diol. Ginsengenin II. Panaxol



CAS Registry Number: 19666-76-3

Molecular Formula: C₃₀H₅₂O₃

Molecular Weight: 460.739

Accurate Mass: 460.391645

Percentage Composition: C 78.21%; H 11.38%; O 10.42%

Biological Source: Constit. of *Panax ginseng*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 250°

Optical Rotation: [α]_D¹⁸ +1 (c, 1 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 0 (end) (ϵ) (MeOH) (Derep)

Other Data: Prob. artifact from [LTQ07-A](#)

>>Derivative: 3-*O*- β -D-Glucopyranoside

Synonym(s): Ginsenoside Rh₂

CAS Registry Number: 60431-52-9

Molecular Formula: C₃₆H₆₂O₈

Molecular Weight: 622.881

Accurate Mass: 622.44447

Percentage Composition: C 69.42%; H 10.03%; O 20.55%

Biological Source: Synthetic

>>Derivative: 1 β -Hydroxy

Synonym(s): 20,25-Epoxydammarene-1,3,12-triol. **1 β -Hydroxypanaxadiol**

CAS Registry Number: 168479-55-8

Molecular Formula: C₃₀H₅₂O₄

Molecular Weight: 476.738

Accurate Mass: 476.38656

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

Biological Source: Artifact obt. from Dammar-24-ene-1,3,12,20-tetrol [NGG42-S](#)

Physical Description: Cryst.

Melting Point: Mp 234-236°

>>Derivative: 6 α -Hydroxy

Synonym(s): 20,25-Epoxydammarane-3,6,12-triol. **Panaxatriol**

CAS Registry Number: 32791-84-7

Molecular Formula: C₃₀H₅₂O₄

Molecular Weight: 476.738

Accurate Mass: 476.38656

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

Biological Source: Isol. from *Panax ginseng*

Physical Description: Cryst.

Melting Point: Mp 238-239°

Optical Rotation: [α]_D²² +14.2 (CHCl₃)

Other Data: Artifact from [JTG04-D](#)

References: