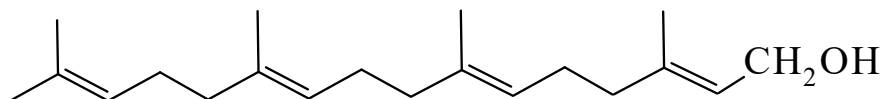




>>Entry Name: **2,6,10,14-Phytatetraen-1-ol**

Synonym(s): 3,7,11,15-Tetramethyl-2,6,10,14-hexadecatetraen-1-ol



Related CAS Registry Numbers(s): 32480-11-8 132513-59-8

Molecular Formula: $C_{20}H_{34}O$

Molecular Weight: 290.488

Accurate Mass: 290.260965

Percentage Composition: C 82.70%; H 11.80%; O 5.51%

>>Variant: (2*E*,6*E*,10*E*)-form

Synonym(s): Geranylgeraniol

CAS Registry Number: 24034-73-9

Molecular Formula: $C_{20}H_{34}O$

Molecular Weight: 290.488

Accurate Mass: 290.260965

Percentage Composition: C 82.70%; H 11.80%; O 5.51%

Physical Description: Oil

Boiling Point: $B_{p0.35}$ 145°

Refractive Index: n_D^{30} 1.4932

Sigma: G3278

>>Derivative: *O*-(2,3-Dihydroxypropyl)(*R*-)

Synonym(s): 1-*O*-Geranylgeranylglycerol

CAS Registry Number: 64604-13-3

Molecular Formula: $C_{23}H_{40}O_3$

Molecular Weight: 364.567

Accurate Mass: 364.297745

Percentage Composition: C 75.78%; H 11.06%; O 13.17%

Biological Source: Constit. of *Dilophus fasciola*

Physical Description: Viscous liq.

Optical Rotation: $[\alpha]_D$ -2.1 (c, 1.5 in $CHCl_3$)

>>Derivative: Aldehyde

Synonym(s): 2,6,10,14-Phytatetraen-1-al. 3,7,11,15-Tetramethyl-2,6,10,14-hexadecatetraen-1-al. **Geranylgeranial**

CAS Registry Number: 13920-12-2

Molecular Formula: $C_{20}H_{32}O$

Molecular Weight: 288.472

Accurate Mass: 288.245315

Percentage Composition: C 83.27%; H 11.18%; O 5.55%

Biological Source: Constit. of *Mikania sessilifolia*

Physical Description: Oil

Boiling Point: $B_{p0.5}$ 150°

>>Derivative: Aldehyde, semicarbazone

Melting Point: Mp 118°