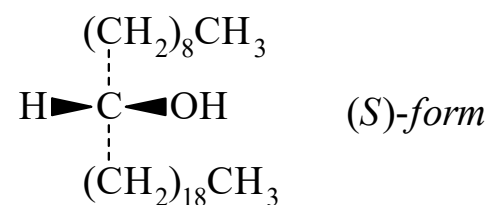




>>Entry Name: 10-Nonacosanol

Synonym(s): Ginnol. Celidoniol



CAS Registry Number: 2606-50-0

Molecular Formula: C₂₉H₆₀O

Molecular Weight: 424.792

Accurate Mass: 424.464415

Percentage Composition: C 82.00%; H 14.24%; O 3.77%

>>Variant: (S)-form

Molecular Formula: C₂₉H₆₀O

Molecular Weight: 424.792

Accurate Mass: 424.464415

Percentage Composition: C 82.00%; H 14.24%; O 3.77%

Biological Source: Wax from *Ginkgo biloba*, *Chelidonium majus*, *Bazzania pompeana*, *Pinus caribaea*, *Chamaecyparis* spp., *Cycas revoluta* and others

Use/Importance: Main component of lipid tubules secreted by leaf stomata

Physical Description: Cryst. (EtOH, Me₂CO or hexane)

Melting Point: Mp 81-81.5°

Optical Rotation: $[\alpha]_{\text{D}}^{20} +2.18$ (c, 1.1 in CHCl₃)

>>Derivative: Ac

Molecular Formula: C₃₁H₆₂O₂

Molecular Weight: 466.83

Accurate Mass: 466.47498

Percentage Composition: C 79.76%; H 13.39%; O 6.85%

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 44.5-45.5°

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