



Molecular Formula: C₁₀H₁₈O

Molecular Weight: 154.252

Accurate Mass: 154.135765

Percentage Composition: C 77.87%; H 11.76%; O 10.37%

Biological Source: Occurs in oils of *Hyssopus officinalis*, *Michelia champaca* and *Perovskia angustifolia*

Physical Description: Cryst. (hexane)

Melting Point: Mp 67°

Boiling Point: Bp 217°

Optical Rotation: $[\alpha]_{\text{D}}^{25} -57.2$ (c, 0.33 in MeOH)

>>**Variant:** (1*S*,2*R*,3*S*,5*R*)-form

Synonym(s): (+)-Neopinocampheol

CAS Registry Number: 36129-11-0

Molecular Formula: C₁₀H₁₈O

Molecular Weight: 154.252

Accurate Mass: 154.135765

Percentage Composition: C 77.87%; H 11.76%; O 10.37%

Physical Description: Cryst. (hexane)

Melting Point: Mp 27°

Optical Rotation: $[\alpha]_{\text{D}}^{29} +14$ (c, 0.15 in MeOH)

>>**Variant:** (1*S*,2*S*,3*R*,5*R*)-form

Synonym(s): (–)-Neoisopinocampheol

CAS Registry Number: 35998-01-7

Molecular Formula: C₁₀H₁₈O

Molecular Weight: 154.252

Accurate Mass: 154.135765

Percentage Composition: C 77.87%; H 11.76%; O 10.37%

Physical Description: Cryst. (hexane)

Melting Point: Mp 48°

Boiling Point: Bp 217°

Optical Rotation: $[\alpha]_{\text{D}}^{25} -34.5$ (c, 0.75 in C₆H₆)

>>**Variant:** (1*S*,2*S*,3*S*,5*R*)-form

Synonym(s): (+)-Isopinocampheol

CAS Registry Number: 24041-60-9

Molecular Formula: C₁₀H₁₈O

Molecular Weight: 154.252

Accurate Mass: 154.135765

Percentage Composition: C 77.87%; H 11.76%; O 10.37%

Physical Description: Cryst. (hexane)

Melting Point: Mp 57°

Boiling Point: Bp 219°

Optical Rotation: $[\alpha]_{\text{D}}^{25} +34.4$ (c, 10 in C₆H₆)

References:

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