



Aldrich: 24219-5

Fluka: 58929

Sigma: I7757

>>**Derivative:** Chloromethyl ether

CAS Registry Number: 103128-76-3

Molecular Formula: C₁₁H₂₁ClO

Molecular Weight: 204.739

Accurate Mass: 204.128092

Percentage Composition: C 64.53%; H 10.34%; Cl 17.32%; O 7.81%

Boiling Point: Bp_{0.4} 72-74°

Optical Rotation: [α]_D²⁵+187.8 (c, 1.2 in CH₂Cl₂) (96% ee)

Aldrich: 34992-5

>>**Variant:** (1*R*,3*S*,4*S*)-form

Synonym(s): (+)-Neomenthol. FEMA 2666

CAS Registry Number: 2216-52-6

Extra CAS Registry Numbers(s): 490-99-3

Molecular Formula: C₁₀H₂₀O

Molecular Weight: 156.267

Accurate Mass: 156.151415

Percentage Composition: C 76.86%; H 12.90%; O 10.24%

Biological Source: Constit. of Japanese peppermint oil

Use/Importance: Flavouring ingredient

Physical Description: Oil

Melting Point: Mp -22°

Boiling Point: Bp₁₄ 83-84°

Optical Rotation: [α]_D¹⁰+18.02 (neat)

Aldrich: W26660-4

Fluka: 72134

Sigma: N7134

>>**Variant:** (1*S*,3*R*,4*R*)-form

Synonym(s): (-)-Neomenthol

CAS Registry Number: 20747-49-3

Extra CAS Registry Numbers(s): 490-99-3

Molecular Formula: C₁₀H₂₀O

Molecular Weight: 156.267

Accurate Mass: 156.151415

Percentage Composition: C 76.86%; H 12.90%; O 10.24%

Physical Description: Oil

Boiling Point: Bp₁₀ 97.6°

Optical Rotation: [α]_D¹⁷-20.7 (EtOH)

Fluka: 72139

>>**Variant:** (1*S*,3*R*,4*S*)-form

Synonym(s): (-)-Isomenthol

CAS Registry Number: 20752-33-4

Extra CAS Registry Numbers(s): 15356-70-4

Molecular Formula: C₁₀H₂₀O

Molecular Weight: 156.267

Accurate Mass: 156.151415

Percentage Composition: C 76.86%; H 12.90%; O 10.24%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 82.5°

>>**Variant:** (1*S*,3*S*,4*R*)-form

Synonym(s): (+)-Menthol