



Accurate Mass: 112.088815
Percentage Composition: C 74.95%; H 10.78%; O 14.26%
Melting Point: Mp 151-151.5 subl°
Optical Rotation: $[\alpha]_D^{25} +1.87$ (c, 1.3 in CHCl₃)
Other: Chiroscience

>>**Variant:** (1*RS*,2*RS*,4*SR*)-form
Synonym(s): (±)-*exo*-form. β-Norborneol

CAS Registry Number: 60133-16-6
Extra CAS Registry Numbers(s): 497-37-0
Molecular Formula: C₇H₁₂O
Molecular Weight: 112.171
Accurate Mass: 112.088815
Percentage Composition: C 74.95%; H 10.78%; O 14.26%
Physical Description: Cryst. (C₆H₆ or MeNO₂)
Melting Point: Mp 127.8-128.5°
Boiling Point: Bp 176-177°
Solubility: Sol. pentane

>>**Derivative:** Formyl

CAS Registry Number: 41498-71-9
Molecular Formula: C₈H₁₂O₂
Molecular Weight: 140.182
Accurate Mass: 140.08373
Percentage Composition: C 68.55%; H 8.63%; O 22.83%
Boiling Point: Bp₁₆ 65-67°
Refractive Index: n_D²⁰ 1.4620
Aldrich: 19293-7

>>**Derivative:** Ac

CAS Registry Number: 54325-10-9
Physical Description: Oil
Boiling Point: Bp₂₀ 89-90°

>>**Derivative:** 3,5-Dinitrobenzoyl

Physical Description: Cryst.
Melting Point: Mp 105°

>>**Variant:** (1*RS*,2*SR*,4*SR*)-form
Synonym(s): (±)-*endo*-form. α-Norborneol

CAS Registry Number: 24325-44-8
Extra CAS Registry Numbers(s): 497-36-9
Molecular Formula: C₇H₁₂O
Molecular Weight: 112.171
Accurate Mass: 112.088815
Percentage Composition: C 74.95%; H 10.78%; O 14.26%
Physical Description: Cryst. (C₆H₆)
Melting Point: Mp 152-153° (147-148°)

>>**Derivative:** Ac

CAS Registry Number: 54325-11-0
Physical Description: Oil
Boiling Point: Bp 73-74°

>>**Derivative:** 3,5-Dinitrobenzoyl

Physical Description: Cryst. (MeCN)
Melting Point: Mp 123°

References: