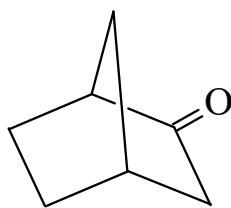




>>Entry Name: Bicyclo[2.2.1]heptan-2-one

Synonym(s): 2-Norbornanone, 8Cl. Norcamphor. 2-Oxonorbornane



(+)-form

CAS Registry Number: 497-38-1

Molecular Formula: C₇H₁₀O

Molecular Weight: 110.155

Accurate Mass: 110.073165

Percentage Composition: C 76.33%; H 9.15%; O 14.52%

Hazard & Toxicity: LD₅₀ (mus, ivn) 180 mg/kg

Aldrich: N3260-1

Fluka: 74520

>>Variant: (+)-form

CAS Registry Number: 2630-41-3

Molecular Formula: C₇H₁₀O

Molecular Weight: 110.155

Accurate Mass: 110.073165

Percentage Composition: C 76.33%; H 9.15%; O 14.52%

Physical Description: Cryst.

Melting Point: Mp 93-95°

Optical Rotation: [α]_D +31

>>Variant: (–)-form

CAS Registry Number: 29583-35-5

Molecular Formula: C₇H₁₀O

Molecular Weight: 110.155

Accurate Mass: 110.073165

Percentage Composition: C 76.33%; H 9.15%; O 14.52%

Physical Description: Cryst.

Melting Point: Mp 93-95°

Optical Rotation: [α]_D –31

>>Variant: (±)-form

CAS Registry Number: 22270-13-9

Molecular Formula: C₇H₁₀O

Molecular Weight: 110.155

Accurate Mass: 110.073165

Percentage Composition: C 76.33%; H 9.15%; O 14.52%

Physical Description: Waxy solid

Melting Point: Mp 97-98° (92.5-93.5°)

Boiling Point: Bp 172°

Sigma: N3256

>>Derivative: Oxime

CAS Registry Number: 4576-48-1

Molecular Formula: C₇H₁₁NO

Molecular Weight: 125.17

Accurate Mass: 125.084064

Percentage Composition: C 67.17%; H 8.86%; N 11.19%; O 12.78%

Melting Point: Mp 46-48°

Boiling Point: Bp₁₂ 114-116°

Rare Chemicals Library: S44774-9