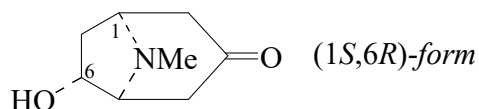




>>Entry Name: 6-Hydroxy-8-methyl-8-azabicyclo[3.2.1]octan-3-one, 9CI

Synonym(s): 6-Hydroxytropanone



CAS Registry Number: 110061-26-2

Related CAS Registry Numbers(s): 133867-56-8 143393-92-4 197521-94-1

Molecular Formula: C₈H₁₃NO₂

Molecular Weight: 155.196

Accurate Mass: 155.094629

Percentage Composition: C 61.91%; H 8.44%; N 9.03%; O 20.62%

>>Variant: (1*S*,6*R*)-form

Synonym(s): (1*S*-exo)-form

CAS Registry Number: 54382-90-0

Molecular Formula: C₈H₁₃NO₂

Molecular Weight: 155.196

Accurate Mass: 155.094629

Percentage Composition: C 61.91%; H 8.44%; N 9.03%; O 20.62%

>>Derivative: Ac

CAS Registry Number: 181229-98-1

Molecular Formula: C₁₀H₁₅NO₃

Molecular Weight: 197.233

Accurate Mass: 197.105194

Percentage Composition: C 60.90%; H 7.67%; N 7.10%; O 24.34%

Optical Rotation: $[\alpha]_{\text{D}}^{26} -20.2$ (c, 1.10 in MeOH) (95% ee)

>>Variant: (1*RS*,6*SR*)-form

Synonym(s): (±)-*exo*-form

CAS Registry Number: 60873-19-0

Extra CAS Registry Numbers(s): 5932-53-6

Molecular Formula: C₈H₁₃NO₂

Molecular Weight: 155.196

Accurate Mass: 155.094629

Percentage Composition: C 61.91%; H 8.44%; N 9.03%; O 20.62%

Physical Description: Cryst. (EtOH/hexane)

Melting Point: Mp 122.5-123.5° (121-122°)

>>Derivative: Picrate

Physical Description: Hexagonal leaflets (EtOH)

Melting Point: Mp 199-200 dec.°

>>Derivative: Ac

CAS Registry Number: 41164-12-9

Extra CAS Registry Numbers(s): 85649-46-3

Molecular Formula: C₁₀H₁₅NO₃

Molecular Weight: 197.233

Accurate Mass: 197.105194

Percentage Composition: C 60.90%; H 7.67%; N 7.10%; O 24.34%

Physical Description: Cryst. (Et₂O/petrol)

Melting Point: Mp 51-52°