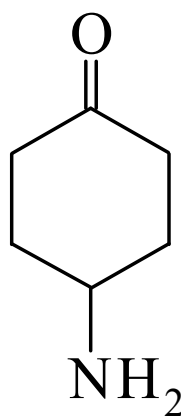




>>Entry Name: 4-Aminocyclohexanone



CAS Registry Number: 87976-86-1

Molecular Formula: C₆H₁₁NO

Molecular Weight: 113.159

Accurate Mass: 113.084064

Percentage Composition: C 63.69%; H 9.80%; N 12.38%; O 14.14%

>>Derivative: *N*-Ac

CAS Registry Number: 27514-08-5

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%

Melting Point: Mp 136°

>>Derivative: *N,N*-Di-Me

CAS Registry Number: 40594-34-1

Molecular Formula: C₈H₁₅NO

Molecular Weight: 141.213

Accurate Mass: 141.115364

Percentage Composition: C 68.04%; H 10.71%; N 9.92%; O 11.33%

Boiling Point: Bp₁₂ 95°

Refractive Index: n_D²⁵ 1.4706

References:

Nelson, N.A. *et al.*, *J.O.C.*, 1957, **22**, 1146-1153, (*N,N*-di-Me)

Sola, R. *et al.*, *Nouv. J. Chim.*, 1984, **8**, 459; *CA*, **102**, 45224s

Marinko, P. *et al.*, *J. Het. Chem.*, 2000, **37**, 405-409, (*N*-Ac)