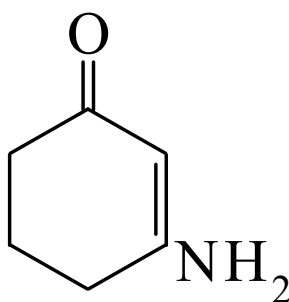




>>Entry Name: 3-Amino-2-cyclohexen-1-one



CAS Registry Number: 5220-49-5

Molecular Formula: C₆H₉NO

Molecular Weight: 111.143

Accurate Mass: 111.068414

Percentage Composition: C 64.84%; H 8.16%; N 12.60%; O 14.40%

Use/Importance: Readily obt. useful synthetic intermed., e.g. for cyclocondensations leading to heterocycles

Physical Description: Light-yellow cryst. (C₆H₆) or canary-yellow powder

Melting Point: Mp 133-135° (118-119°)

Fluka: 7625

Rare Chemicals Library: S73400-4

>>Derivative: N-Ac

CAS Registry Number: 23674-56-8

Molecular Formula: C₈H₁₁NO₂

Molecular Weight: 153.18

Accurate Mass: 153.078979

Percentage Composition: C 62.73%; H 7.24%; N 9.14%; O 20.89%

Physical Description: Plates (C₆H₆)

Melting Point: Mp 164-166°

References:

Dubas-Sluyter, M.A.T. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1972, **91**, 157, (*synth*)

Ramalingam, K. *et al.*, *Indian J. Chem.*, 1972, **10**, 62, (*synth, ir, uv*)