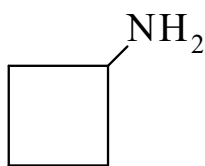




>>Entry Name: Cyclobutylamine

Synonym(s): Cyclobutanamine, 9Cl. Aminocyclobutane



CAS Registry Number: 2516-34-9

Molecular Formula: C₄H₉N

Molecular Weight: 71.122

Accurate Mass: 71.073499

Percentage Composition: C 67.55%; H 12.75%; N 19.69%

Physical Description: Liq.

Boiling Point: Bp 82°

Density: d₄²⁰ 0.833

Refractive Index: n_D¹⁹ 1.4363

Other Data: Absorbs CO₂ from air

Aldrich: 22518-5

Fluka: 28697

>>Derivative: Hydrochloride

CAS Registry Number: 6291-01-6

Melting Point: Mp 183-184°

Aldrich: 15927-1

Rare Chemicals Library: S45900-3

>>Derivative: N-Ac

CAS Registry Number: 61771-98-0

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%

Melting Point: Mp 44°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 506B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 313B, (*ir*)

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Zelinsky, N. *et al.*, *Ber.*, 1907, **40**, 4746, (*synth*)

Dem'yanov, N.Ya. *et al.*, *CA*, 1936, **30**, 1032, (*synth*)

Org. Synth., Coll. Vol., 5, 1973, 273, (*synth*)