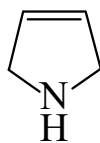




>>Entry Name: 2,5-Dihydro-1*H*-pyrrole, 9CI

Synonym(s): 3-Pyrroline, 8CI



CAS Registry Number: 109-96-6

Molecular Formula: C<sub>4</sub>H<sub>7</sub>N

Molecular Weight: 69.106

Accurate Mass: 69.057849

Percentage Composition: C 69.52%; H 10.21%; N 20.27%

Physical Description: Oil

Boiling Point: Bp 90-91°

Refractive Index: n<sub>D</sub><sup>20</sup> 1.4625

Aldrich: P7590-3

Fluka: 83310

>>Derivative: Hydrochloride

CAS Registry Number: 63468-63-3

Physical Description: Prisms or needles (EtOH)

Melting Point: Mp 173-174° (169.5-171.5°)

>>Derivative: Methiodide

Physical Description: Cryst. (EtOH)

Melting Point: Mp 286°

>>Derivative: Picrate

CAS Registry Number: 100351-09-5

Melting Point: Mp 155.5-156.5°

>>Derivative: *N*-Me

Synonym(s): 2,5-Dihydro-1-methyl-1*H*-pyrrole

CAS Registry Number: 554-15-4

Molecular Formula: C<sub>5</sub>H<sub>9</sub>N

Molecular Weight: 83.133

Accurate Mass: 83.073499

Percentage Composition: C 72.24%; H 10.91%; N 16.85%

Physical Description: Oil

Boiling Point: Bp 79-80°

Solubility: Misc. H<sub>2</sub>O

pK<sub>a</sub> Value: pK<sub>a</sub> 9.88 (25°)

>>Derivative: *N*-Butyl

CAS Registry Number: 6831-60-3

Molecular Formula: C<sub>8</sub>H<sub>15</sub>N

Molecular Weight: 125.213

Accurate Mass: 125.120449

Percentage Composition: C 76.74%; H 12.07%; N 11.19%

Physical Description: Liq.

Boiling Point: Bp 147°. Bp<sub>16</sub> 43°