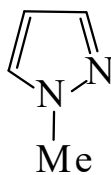




>>Entry Name: 1-Methylpyrazole, 9CI, 8CI



CAS Registry Number: 930-36-9

Molecular Formula: C₄H₆N₂

Molecular Weight: 82.105

Accurate Mass: 82.053098

Percentage Composition: C 58.52%; H 7.37%; N 34.12%

Physical Description: Oil with pyridine odour

Boiling Point: Bp 127°

Density: d₄¹³ 0.993

pKa Value: pK_a 2.09 (20°)

>>Derivative: Methiodide

CAS Registry Number: 26429-26-5

Physical Description: Prisms (EtOH)

Melting Point: Mp 190°

>>Derivative: Picrate

Physical Description: Yellow needles (EtOH)

Melting Point: Mp 148°

>>Derivative: N²-Oxide

CAS Registry Number: 29184-68-7

Molecular Formula: C₄H₆N₂O

Molecular Weight: 98.104

Accurate Mass: 98.048013

Percentage Composition: C 48.97%; H 6.16%; N 28.55%; O 16.31%

Physical Description: Hygroscopic solid

Melting Point: Mp 65-69°

Boiling Point: Bp_{0.3} 105-107°

>>Derivative: N²-Oxide, picrate

Melting Point: Mp 105-107°

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