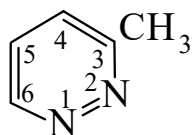




>>Entry Name: 3-Methylpyridazine, 9CI



CAS Registry Number: 1632-76-4

Molecular Formula: C₅H₆N₂

Molecular Weight: 94.116

Accurate Mass: 94.053098

Percentage Composition: C 63.81%; H 6.43%; N 29.76%

Physical Description: Oil

Boiling Point: Bp 214.5°. Bp_{2.5} 64.2°

Solubility: Misc. H₂O

Density: d₂₆ 1.049

pKa Value: pK_a 3.46 (17°)

Refractive Index: n_D²⁰ 1.5152

Other Data: Spar. steam-volatile. Rapidly turns brown. Hygroscopic

Aldrich: 10723-9

>>Derivative: 1-Oxide

CAS Registry Number: 21004-75-1

Molecular Formula: C₅H₆N₂O

Molecular Weight: 110.115

Accurate Mass: 110.048013

Percentage Composition: C 54.54%; H 5.49%; N 25.44%; O 14.53%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 68.5-69.5°

>>Derivative: 2-Oxide

CAS Registry Number: 19602-00-7

Molecular Formula: C₅H₆N₂O

Molecular Weight: 110.115

Accurate Mass: 110.048013

Percentage Composition: C 54.54%; H 5.49%; N 25.44%; O 14.53%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 83-84°

>>Derivative: 1,2-Dioxide

Molecular Formula: C₅H₆N₂O₂

Molecular Weight: 126.115

Accurate Mass: 126.042928

Percentage Composition: C 47.62%; H 4.80%; N 22.21%; O 25.37%

Physical Description: Cryst. (Me₂CO/EtOH)

Melting Point: Mp 156-157°

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