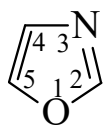




>>Entry Name: Oxazole, 9CI



CAS Registry Number: 288-42-6

Molecular Formula: C₃H₃NO

Molecular Weight: 69.063

Accurate Mass: 69.021464

Percentage Composition: C 52.17%; H 4.38%; N 20.28%; O 23.17%

Physical Description: Oil with pyridine-like odour

Boiling Point: Bp 69-70°

pKa Value: pK_a 0.8 (25°, H₂O)

Refractive Index: n_D^{17.5} 1.4285

Sigma: O4504

>>Derivative: HgCl₂ complex

Physical Description: Cryst.

Melting Point: Mp 148°

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