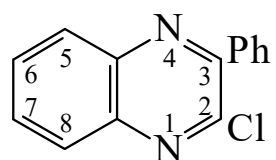




>>Entry Name: 2-Chloro-3-phenylquinoxaline, 9Cl



CAS Registry Number: 7065-92-1

Molecular Formula: C₁₄H₉ClN₂

Molecular Weight: 240.691

Accurate Mass: 240.045425

Percentage Composition: C 69.86%; H 3.77%; Cl 14.73%; N 11.64%

Physical Description: Needles (EtOH)

Melting Point: Mp 130° (127-128°)

>>Derivative: 4-Oxide

Molecular Formula: C₁₄H₉ClN₂O

Molecular Weight: 256.691

Accurate Mass: 256.04034

Percentage Composition: C 65.51%; H 3.53%; Cl 13.81%; N 10.91%; O 6.23%

Physical Description: Microneedles (EtOH)

Melting Point: Mp 126-127°

References:

Shiho, D. *et al.*, *J.A.C.S.*, 1960, **82**, 4044, (*synth*)

Ahmad, Y. *et al.*, *J.O.C.*, 1966, **31**, 2613, (*synth, oxide*)