



>>Entry Name: 6-Chloro-2-methylquinoline, 9Cl

Synonym(s): 6-Chloroquinaldine, 8Cl

CAS Registry Number: 92-46-6

Molecular Formula: C₁₀H₈ClN

Molecular Weight: 177.633

Accurate Mass: 177.034526

Percentage Composition: C 67.62%; H 4.54%; Cl 19.96%; N 7.89%

Physical Description: Flakes

Melting Point: Mp 93°

Other Data: Steam-volatile

>>Derivative: N-Oxide

CAS Registry Number: 20531-92-4

Molecular Formula: C₁₀H₈ClNO

Molecular Weight: 193.632

Accurate Mass: 193.029441

Percentage Composition: C 62.03%; H 4.16%; Cl 18.31%; N 7.23%; O 8.26%

Use/Importance: Fungicide

References:

Tamura, S. *et al.*, *Chem. Pharm. Bull.*, 1973, **21**, 2105, (*synth*)

Nagawa, Y. *et al.*, *Bull. Chem. Soc. Jpn.*, 1976, **49**, 1322, (*pmr*)

Takahashi, K. *et al.*, *J. Het. Chem.*, 1977, **14**, 881, (*synth*)

Leir, C.M., *J.O.C.*, 1977, **42**, 911, (*synth*)

Song, Z. *et al.*, *J. Het. Chem.*, 1993, **30**, 17, (*synth*)