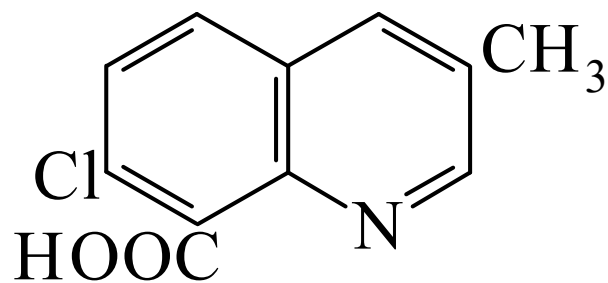




>>Entry Name: 7-Chloro-3-methyl-8-quinolinecarboxylic acid, 9Cl

Synonym(s): Quinmerac, BSI. BAS 518H



CAS Registry Number: 90717-03-6

Molecular Formula: C₁₁H₈ClNO₂

Molecular Weight: 221.642

Accurate Mass: 221.024356

Percentage Composition: C 59.61%; H 3.64%; Cl 16.00%; N 6.32%; O 14.44%

Use/Importance: Herbicide

Physical Description: Solid

Melting Point: Mp 244°

pKa Value: pK_a 4.31 (20°)

Hazard & Toxicity: LD₅₀ (rat, orl) >5000 mg/kg

References:

Nuyken, W. *et al.*, *Proc. Br. Crop Prot. Conf. Weeds*, 1985, **63**, 71, (activity)

Ger. Pat., 1988, 3 703 113; *CA*, **110**, 23749e, (synth)

Pesticide Manual, 9th edn., 1991, No. 10515