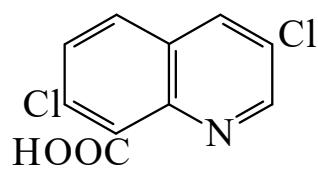




>>Entry Name: 3,7-Dichloro-8-quinolinecarboxylic acid, 9Cl

Synonym(s): Quinclorac, BSI. Facet. BAS 514H



CAS Registry Number: 84087-01-4

Related CAS Registry Numbers(s): 84087-33-2 84087-47-8

Molecular Formula: C₁₀H₅Cl₂NO₂

Molecular Weight: 242.06

Accurate Mass: 240.969733

Percentage Composition: C 49.62%; H 2.08%; Cl 29.29%; N 5.79%; O 13.22%

Use/Importance: Herbicide

Physical Description: Solid

Melting Point: Mp 274°

pKa Value: pK_a 4.34 (20°)

Hazard & Toxicity: LD₅₀ (rat, orl) 2680 mg/kg

References:

Ger. Pat., 1982, 3 108 873; *CA*, **98**, 34511f, (*synth*)

Haden, E. *et al.*, *Proc. Br. Crop Prot. Conf. Weeds*, 1985, 77, (*activity*)

Pesticide Manual, 9th edn., 1991, No. 10513