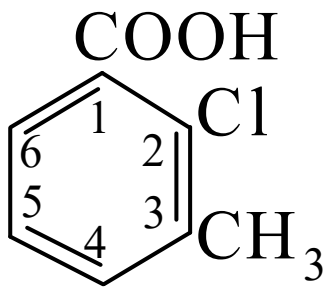




>>Entry Name: 2-Chloro-3-methylbenzoic acid, 9Cl

Synonym(s): 2-Chloro-*m*-toluic acid



CAS Registry Number: 15068-35-6

Molecular Formula: C₈H₇ClO₂

Molecular Weight: 170.595

Accurate Mass: 170.013457

Percentage Composition: C 56.33%; H 4.14%; Cl 20.78%; O 18.76%

Physical Description: Cryst. (EtOH aq. or C₆H₆)

Melting Point: Mp 143° (132°, 138-140°)

pKa Value: pK_a 3 (20°, 1% EtOH)

References:

Archer, S. *et al.*, *J.A.C.S.*, 1952, **74**, 4296, (*synth*)

Peltier, D. *et al.*, *Bull. Soc. Chim. Fr.*, 1960, 1141, (*ir*)

Hoop, G.M. *et al.*, *J.C.S.*, 1962, 4857, (*synth*)