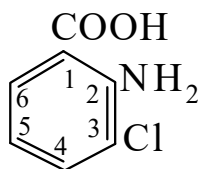




>>Entry Name: 2-Amino-3-chlorobenzoic acid, 9Cl

Synonym(s): 3-Chloroanthranilic acid, 8Cl



CAS Registry Number: 6388-47-2

Related CAS Registry Numbers(s): 77820-58-7

Molecular Formula: C₇H₆ClNO₂

Molecular Weight: 171.583

Accurate Mass: 171.008706

Percentage Composition: C 49.00%; H 3.52%; Cl 20.66%; N 8.16%; O 18.65%

Biological Source: Occurs in *Penicillium aureofaciens*

Use/Importance: Has herbicidal props.

Physical Description: Needles

Melting Point: Mp 194°

Aldrich: 36227-1

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 1098B, (*nmr*)

Baker, B.R. *et al.*, *J.O.C.*, 1952, **17**, 141-148, (*synth*)

Baruffini, A. *et al.*, *CA*, 1978, **89**, 1598, (*use*)

Salcher, O. *et al.*, *Tet. Lett.*, 1978, 3101-3102, (*isol*)

Sacki, S. *et al.*, *Chem. Pharm. Bull.*, 1989, **37**, 2207-2208, (*synth, ir*)

Kondo, K. *et al.*, *Bioorg. Med. Chem.*, 1999, **7**, 1743-1754, (*Me ester, synth, pmr*)