



>>Entry Name: 3,5-Dichloro-2-hydroxybenzaldehyde

Synonym(s): 3,5-Dichlorosalicylaldehyde

CAS Registry Number: 90-60-8

Related CAS Registry Numbers(s): 76008-04-3

Molecular Formula: $C_7H_4Cl_2O_2$

Molecular Weight: 191.013

Accurate Mass: 189.958834

Percentage Composition: C 44.02%; H 2.11%; Cl 37.12%; O 16.75%

Physical Description: Yellow cryst. (AcOH)

Melting Point: Mp 95°

Aldrich: 26181-5

Rare Chemicals Library: S56353-6

Sigma: D2275

>>Derivative: Oxime

CAS Registry Number: 5331-93-1

Molecular Formula: $C_7H_5Cl_2NO_2$

Molecular Weight: 206.027

Accurate Mass: 204.969733

Percentage Composition: C 40.81%; H 2.45%; Cl 34.42%; N 6.80%; O 15.53%

Melting Point: Mp 195-196°

>>Derivative: Semicarbazone

Melting Point: Mp 227 dec.°

References:

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1305D, (*ir*)

Biltz, H. *et al.*, *Ber.*, 1904, **37**, 4022, (*synth*)

Duff, J.C., *J.C.S.*, 1941, 547