



>>Entry Name: 5-Chloro-2-nitrobenzaldehyde, 9Cl, 8Cl

CAS Registry Number: 6628-86-0

Molecular Formula: $C_7H_4ClNO_3$

Molecular Weight: 185.566

Accurate Mass: 184.987971

Percentage Composition: C 45.31%; H 2.17%; Cl 19.11%; N 7.55%; O 25.87%

Melting Point: Mp 77-78°

Other Data: Steam-volatile

Aldrich: C5880-0

Fluka: 25407

>>Derivative: Oxime

Molecular Formula: $C_7H_5ClN_2O_3$

Molecular Weight: 200.581

Accurate Mass: 199.99887

Percentage Composition: C 41.92%; H 2.51%; Cl 17.68%; N 13.97%; O 23.93%

Physical Description: Plates (EtOH)

Melting Point: Mp 112°

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 122C, (*ir*)

Eichengrün, A. *et al.*, *Annalen*, 1891, **262**, 133, (*synth*)