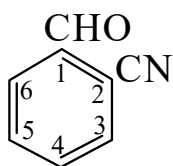




>>Entry Name: 2-Cyanobenzaldehyde

Synonym(s): 2-Formylbenzonitrile, 9CI. Phthalaldehydonitrile, 8CI



CAS Registry Number: 7468-67-9

Molecular Formula: C₈H₅NO

Molecular Weight: 131.134

Accurate Mass: 131.037114

Percentage Composition: C 73.27%; H 3.84%; N 10.68%; O 12.20%

Physical Description: Needles (EtOH)

Melting Point: Mp 108-109° (104-106°)

Aldrich: 34908-9

Sigma: C3797

>>Derivative: 4-Bromophenylhydrazone

Physical Description: Cryst. (EtOH)

Melting Point: Mp 194-195°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 1512B, (*nmr*)

Blicke, F.F. *et al.*, *J.A.C.S.*, 1936, **58**, 559, (*synth*)

Marvel, C.S. *et al.*, *J.A.C.S.*, 1948, **70**, 1895, (*synth*)

Stewart, J.M. *et al.*, *J.O.C.*, 1960, **25**, 913, (*synth*)