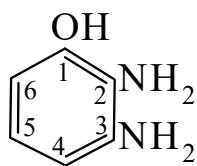




>>Entry Name: **2,3-Diaminophenol**, 9Cl, 8Cl

Synonym(s): 3-Hydroxy-*o*-phenylenediamine



CAS Registry Number: 59649-56-8

Molecular Formula: C₆H₈N₂O

Molecular Weight: 124.142

Accurate Mass: 124.063663

Percentage Composition: C 58.05%; H 6.50%; N 22.57%; O 12.89%

Physical Description: Brown leaflets (EtOH)

Melting Point: Mp 169-170°

Aldrich: 34061-8

>>Derivative: Hydrochloride (1:2)

Melting Point: Mp 275°

>>Derivative: 2-*N*-Me

Synonym(s): 3-Amino-2-(methylamino)phenol, 9Cl

CAS Registry Number: 163808-12-6

Molecular Formula: C₇H₁₀N₂O

Molecular Weight: 138.169

Accurate Mass: 138.079313

Percentage Composition: C 60.85%; H 7.29%; N 20.27%; O 11.58%

Melting Point: Mp 132-134°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 494C, (*nmr*)

Hilleman, H., *Ber.*, 1938, **71**, 50, (*synth*)

Freeman, S. *et al.*, *J.O.C.*, 1951, **16**, 438, (*synth*)