



>>Entry Name: 4-Amino-3,5-dichlorophenol, 9Cl, 8Cl

CAS Registry Number: 26271-75-0

Molecular Formula: C₆H₅Cl₂NO

Molecular Weight: 178.017

Accurate Mass: 176.974818

Percentage Composition: C 40.48%; H 2.83%; Cl 39.83%; N 7.87%; O 8.99%

Physical Description: Needles (H₂O)

Melting Point: Mp 154°

>>Derivative: Me ether

Synonym(s): 2,6-Dichloro-4-methoxyaniline. 2,6-Dichloro-*p*-anisidine

CAS Registry Number: 6480-66-6

Molecular Formula: C₇H₇Cl₂NO

Molecular Weight: 192.044

Accurate Mass: 190.990468

Percentage Composition: C 43.78%; H 3.67%; Cl 36.92%; N 7.29%; O 8.33%

Physical Description: Needles (MeOH aq.)

Melting Point: Mp 71°

>>Derivative: Trifluoromethyl ether

Synonym(s): 2,6-Dichloro-4-(trifluoromethoxy)aniline

CAS Registry Number: 99479-66-0

Molecular Formula: C₇H₄Cl₂F₃NO

Molecular Weight: 246.015

Accurate Mass: 244.962202

Percentage Composition: C 34.18%; H 1.64%; Cl 28.82%; F 23.17%; N 5.69%; O 6.50%

Melting Point: Mp 30-32°

References:

Hodgson, H. *et al.*, *J.C.S.*, 1927, 2219, (*synth*)

Hutzingner, O., *Anal. Chem.*, 1969, **41**, 1662, (*pmr, ms*)