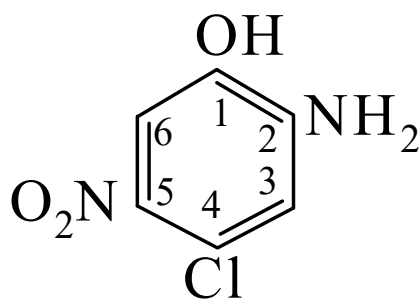




>>Entry Name: 2-Amino-4-chloro-5-nitrophenol, 9Cl, 8Cl



CAS Registry Number: 6358-07-2

Molecular Formula: $C_6H_5ClN_2O_3$

Molecular Weight: 188.57

Accurate Mass: 187.99887

Percentage Composition: C 38.22%; H 2.67%; Cl 18.80%; N 14.86%; O 25.45%

Use/Importance: Azo dye intermed.

Physical Description: Yellow needles

Melting Point: Mp 225 dec.°

Aldrich: 24641-7

>>Derivative: *N*-Ac

CAS Registry Number: 6259-08-1

Molecular Formula: $C_8H_7ClN_2O_4$

Molecular Weight: 230.607

Accurate Mass: 230.009435

Percentage Composition: C 41.67%; H 3.06%; Cl 15.37%; N 12.15%; O 27.75%

Physical Description: Cryst.

Melting Point: Mp 193°

Rare Chemicals Library: S94188-3

>>Derivative: Me ether

Synonym(s): 5-Chloro-2-methoxy-4-nitroaniline. 4-Chloro-5-nitro-*o*-anisidine

Molecular Formula: $C_7H_7ClN_2O_3$

Molecular Weight: 202.597

Accurate Mass: 202.01452

Percentage Composition: C 41.50%; H 3.48%; Cl 17.50%; N 13.83%; O 23.69%

Physical Description: Cryst.

Melting Point: Mp 132°

References:

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Ger. Pat., 1905, 186 655; *CA*, **2**, 493, (*synth*)

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Wojtkiewicz, W. *et al.*, *CA*, 1964, **61**, 4248, (*synth*)