



>>Entry Name: 2-Amino-6-chloro-4-nitrophenol, 9Cl, 8Cl

CAS Registry Number: 6358-09-4

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 + 1H₂O becoming red anhydrous at 100°

Melting Point: Mp 160°

References:

Vorontsov, J.J., *Zh. Khim. Promsti*, 1941, **18**, 16; *CA*, **38**, 6278, (*synth*)

Swiss Pat., 1952, 312 890; *CA*, **51**, 4721, (*use*)

Lutskii, A.E. *et al.*, *CA*, 1971, **75**, 82016, (*ir*)

Ger. Pat., 1978, 2 614 825; *CA*, **88**, 22374, (*synth*)