



>>Entry Name: (2-Chlorophenyl)hydrazine, 9Cl



CAS Registry Number: 10449-07-7

Molecular Formula: C₆H₇ClN₂

Molecular Weight: 142.587

Accurate Mass: 142.029775

Percentage Composition: C 50.54%; H 4.95%; Cl 24.86%; N 19.65%

Physical Description: Needles (Et₂O)

Melting Point: Mp 48°

pKa Value: pK_a 4.65 (25°, H₂O)

>>Derivative: Hydrochloride

CAS Registry Number: 41052-75-9

Physical Description: Needles

Melting Point: Mp 194 dec.°

Aldrich: 10950-9

Fluka: 25960

Rare Chemicals Library: S26442-3

References:

- Aldrich Library of FT-IR Spectra, 1st edn.*, 1985, **1**, 1258D, (*ir*)
Aldrich Library of NMR Spectra, 2nd edn., 1983, **1**, 995B, (*nmr*)
Graziani, F., *Chem. Zentralbl.*, 1913, **2**, 496; *CA*, **7**, 3495, (*synth*)
Bullock, M.W. *et al.*, *J.A.C.S.*, 1956, **78**, 5854, (*synth*)
Brown, F.C. *et al.*, *J.O.C.*, 1959, **24**, 1056, (*synth*)
Stroh, H.H. *et al.*, *Chem. Ber.*, 1963, **96**, 184