



>>Entry Name: 3-Chloro-6-methylpyridazine, 9Cl

CAS Registry Number: 1121-79-5

Molecular Formula: $C_5H_5ClN_2$

Molecular Weight: 128.561

Accurate Mass: 128.014125

Percentage Composition: C 46.71%; H 3.92%; Cl 27.58%; N 21.79%

Physical Description: Needles (petrol)

Melting Point: Mp 58°

>>Derivative: 1-Oxide

CAS Registry Number: 17762-03-7

Molecular Formula: $C_5H_5ClN_2O$

Molecular Weight: 144.56

Accurate Mass: 144.00904

Percentage Composition: C 41.54%; H 3.49%; Cl 24.52%; N 19.38%; O 11.07%

Melting Point: Mp 163-164°

>>Derivative: 2-Methochloride

Molecular Formula: $C_6H_8Cl_2N_2$

Molecular Weight: 179.048

Accurate Mass: 178.006452

Percentage Composition: C 40.25%; H 4.50%; Cl 39.60%; N 15.65%

Use/Importance: Reagent for chlorodehydroxylation of alcohols

Physical Description: Hygroscopic cryst. (EtOAc)

Melting Point: Mp 133-134°

References:

Overend, W.G. *et al.*, *J.C.S.*, 1947, 239, (*synth*)

Kano, H. *et al.*, *Chem. Pharm. Bull.*, 1961, **9**, 1017, (*deriv*)

Yoshihara, M. *et al.*, *Synthesis*, 1980, 746, (*deriv, use*)