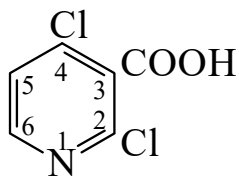




>>Entry Name: 2,4-Dichloro-3-pyridinecarboxylic acid

Synonym(s): 2,4-Dichloronicotinic acid, 8Cl



CAS Registry Number: 262423-77-8

Molecular Formula: $C_6H_3Cl_2NO_2$

Molecular Weight: 192.001

Accurate Mass: 190.954083

Percentage Composition: C 37.53%; H 1.57%; Cl 36.93%; N 7.30%; O 16.67%

Physical Description: Needles (MeOH aq.)

Melting Point: Mp 154-155°

>>Derivative: Nitrile

Synonym(s): 2,4-Dichloro-3-cyanopyridine. 2,4-Dichloronicotinonitrile

CAS Registry Number: 180995-12-4

Molecular Formula: $C_6H_2Cl_2N_2$

Molecular Weight: 173.001

Accurate Mass: 171.959502

Percentage Composition: C 41.66%; H 1.17%; Cl 40.99%; N 16.19%

Physical Description: Cryst. (DMF aq.)

Melting Point: Mp 114-115°

Other Data: Sublimes

References:

Taylor, E.C. *et al.*, *J.A.C.S.*, 1956, **78**, 214-217, (*nitrile*)

Marzi, E. *et al.*, *Eur. J. Org. Chem.*, 2001, 1371-1376, (*synth, pmr, cmr*)