



>>Entry Name: **2,5-Dichloro-3-pyridinecarboxylic acid**

Synonym(s): 2,5-Dichloronicotinic acid, 8Cl

CAS Registry Number: 59782-85-3

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%

Melting Point: Mp 154-156°

>>Derivative: Me ester

CAS Registry Number: 67754-03-4

Molecular Formula: $C_7H_5Cl_2NO_2$

Molecular Weight: 206.027

Accurate Mass: 204.969733

Percentage Composition: C 40.81%; H 2.45%; Cl 34.42%; N 6.80%; O 15.53%

Physical Description: Solid

Melting Point: Mp 45°

>>Derivative: Nitrile

Synonym(s): 2,5-Dichloro-3-cyanopyridine

CAS Registry Number: 126954-66-3

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.

Melting Point: Mp 118-119°

References:

Binz, A. *et al.*, *Annalen*, 1937, **487**, 127-134, (nitrile)

Setliff, F.L. *et al.*, *J. Chem. Eng. Data*, 1976, **21**, 246-247, (synth, ir, pmr)

Gero, T.W. *et al.*, *Synth. Commun.*, 1989, **19**, 553, (synth)

Shvekhgeimer, M.-G.A. *et al.*, *Zh. Org. Khim.*, 1992, **28**, 1334; *J. Org. Chem. USSR (Engl. Transl.)*, 1992, **28**, 1048, (Me ester, synth, ir, cmr)

Winn, M. *et al.*, *J. Med. Chem.*, 1993, **36**, 2676, (Me ester, synth)