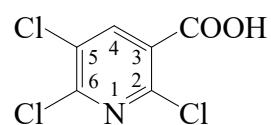




>>Entry Name: 2,5,6-Trichloro-3-pyridinecarboxylic acid



CAS Registry Number: 54718-39-7

Molecular Formula: C₆H₂Cl₃NO₂

Molecular Weight: 226.445

Accurate Mass: 224.91511

Percentage Composition: C 31.82%; H 0.89%; Cl 46.97%; N 6.19%; O 14.13%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 168°

>>Derivative: Chloride

CAS Registry Number: 58584-88-6

Molecular Formula: C₆HCl₄NO

Molecular Weight: 244.891

Accurate Mass: 242.881222

Percentage Composition: C 29.43%; H 0.41%; Cl 57.91%; N 5.72%; O 6.53%

Melting Point: Mp 38-39°

Boiling Point: Bp_{0.15} 87-88°

>>Derivative: Hydrazide

CAS Registry Number: 58584-91-1

Molecular Formula: C₆H₄Cl₃N₃O

Molecular Weight: 240.475

Accurate Mass: 238.941993

Percentage Composition: C 29.97%; H 1.68%; Cl 44.23%; N 17.47%; O 6.65%

Physical Description: Cryst. (MeCN)

Melting Point: Mp 158-159°

References:

Mutterer, F. *et al.*, *Helv. Chim. Acta*, 1976, **59**, 222-229, (*synth*)