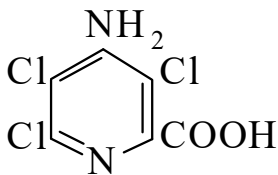




>>Entry Name: 4-Amino-3,5,6-trichloro-2-pyridinecarboxylic acid, 9Cl

Synonym(s): 4-Amino-3,5,6-trichloropicolinic acid. Picloram, ANSI, BSI, ISO, JMAF, WSSA. Tordon



CAS Registry Number: 1918-02-1

Related CAS Registry Numbers(s): 2545-60-0 37339-60-9 85113-84-4

Molecular Formula: C₆H₃Cl₃N₂O₂

Molecular Weight: 241.46

Accurate Mass: 239.926009

Percentage Composition: C 29.85%; H 1.25%; Cl 44.05%; N 11.60%; O 13.25%

Use/Importance: Total herbicide

Physical Description: Powder

Melting Point: Mp 218-219 dec.°

Solubility: V. spar. sol. H₂O; spar. sol. org. solvs.

pKa Value: pK_a 3.6

Other Data: Forms water-sol. alkali metal and amine salts

Hazard & Toxicity: LD₅₀ (rat, orl) 8200 mg/kg. OES: long-term 10 mg m⁻³; short-term 20 mg m⁻³. Mild skin and eye irritant. LD₅₀ (rat, orl) 2898 mg/kg. Exp. carcinogenic data

Aldrich: 22562-2

Sigma: P5575

>>Derivative: Na salt

Synonym(s): Chloramp

CAS Registry Number: 2545-60-0

References:

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