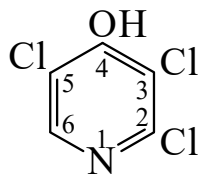




>>Entry Name: **2,3,5-Trichloro-4-pyridinol**

Synonym(s): 2,3,5-Trichloro-4(1*H*)-pyridinone. 2,3,5-Trichloro-4-hydroxypyridine. Pyriclor. Daxtron



CAS Registry Number: 1970-40-7

Molecular Formula: C₅H₂Cl₃NO

Molecular Weight: 198.435

Accurate Mass: 196.920195

Percentage Composition: C 30.26%; H 1.02%; Cl 53.60%; N 7.06%; O 8.06%

Use/Importance: Herbicide

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 216-217°

>>Derivative: Hydrazone

Molecular Formula: C₅H₄Cl₃N₃

Molecular Weight: 212.465

Accurate Mass: 210.947078

Percentage Composition: C 28.27%; H 1.90%; Cl 50.06%; N 19.78%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 92.5-95.5°

>>Derivative: Me ether

Synonym(s): 2,3,5-Trichloro-4-methoxypyridine

Molecular Formula: C₆H₄Cl₃NO

Molecular Weight: 212.462

Accurate Mass: 210.935845

Percentage Composition: C 33.92%; H 1.90%; Cl 50.06%; N 6.59%; O 7.53%

Melting Point: Mp 62-63.5°

References:

Denivelle, L. *et al.*, *Bull. Soc. Chim. Fr.*, 1960, 1538, (*synth*)

Giacobbe, T.J. *et al.*, *J. Het. Chem.*, 1974, **11**, 889, (*synth, uv*)