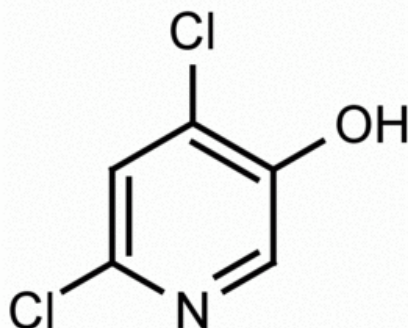


**Product Name: 4,6-Dichloropyridin-3-ol**

**Catalog Number: D13420**



**Sizes Available:** 1 g, 5 g, 25 g and larger sizes available

**Molecular weight:** 163.98 g/mol

**Molecular Formula:** C<sub>5</sub>H<sub>3</sub>Cl<sub>2</sub>NO

**CAS Number:** 1196157-47-7

**Storage:** Store at 2-8 C°, under dry conditions.

**Synonyms:** None found

**Uses:** Synthesis building block, Organic Synthesis, pyridine nitrogen heterocycle, synthesis, chlorine reactions

**4,6-Dichloropyridin-3-ol**, is a synthetic fine chemical useful in the synthesis of pharmaceuticals and fine organic chemicals.

**Selected References:**

Kudo, Noriaki, Mauro Perseghini, and Gregory C. Fu. A Versatile Method for Suzuki Cross-Coupling Reactions of Nitrogen Heterocycles. *Angewandte Chemie, International Edition* 45, no. (2006): 1282–84. <https://doi.org/10.1002/anie.200503479>.

Tu, Wangyang, Lei Liu, and Paul E. Floreancig. Diastereoselective Tetrahydropyrone Synthesis through Transition-Metal-Free Oxidative Carbon-Hydrogen Bond Activation. *Angewandte Chemie, International Edition* 47, no. (2008): 4184–87. <https://doi.org/10.1002/anie.200706002>.

Wang, Congyang, Souvik Rakshit, and Frank. Glorius. Palladium-Catalyzed Intermolecular Decarboxylative Coupling of 2-Phenylbenzoic Acids with Alkynes via C-H and C-C Bond Activation. *Journal of the American Chemical Society* 132, no. (2010): 14006–8. <https://doi.org/10.1021/ja106130r>.

Wang, Tao, Shuai Shi, Max M. Hansmann, Eva Rettenmeier, Matthias Rudolph, and A. Stephen K. Hashmi. Synthesis of Highly Substituted 3-Formylfurans by a Gold(I)-Catalyzed Oxidation/1,2-Alkynyl Migration/Cyclization Cascade. *Angewandte Chemie, International Edition* 53, no. (2014): 3715–19. <https://doi.org/10.1002/anie.201310146>.

Zhang, Rui, Wing-Yiu Yu, Tat-Shing Lai, and Chi-Ming. Che. Enantioselective Hydroxylation of Benzylic C-H Bonds by D4-Symmetric Chiral Oxoruthenium Porphyrins. *Chemical Communications (Cambridge)*, no. (1999): 1791–92. <https://doi.org/10.1039/a904100a>.

Hazardous Properties and Cautions: The toxicological and pharmacological properties of this compound are not fully known. For further information see the MSDS on request. **4,6-Dichloropyridin-3-ol** is manufactured, shipped according to standard practices, and intended for research and development in a laboratory utilizing prudent procedures for handling chemicals of unknown toxicity, under the supervision of persons technically qualified to evaluate potential risks and authorized to enforce appropriate health and safety measures. As with all research chemicals, precautions should be taken to avoid unnecessary exposures or risks.

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