



LKT Laboratories, Inc.

4-Dimethylaminopyridine

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Product Information

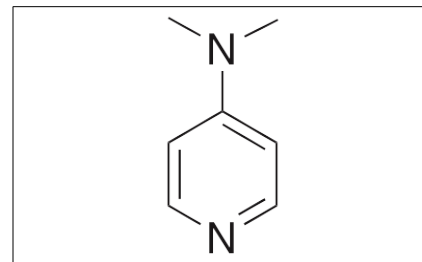
Product ID D3351
CAS No. 1122-58-3
Chemical Name

Synonym DMAP, Pyridine, 4-(dimethylamino)-,N,N-Dimethyl- pyridin-4-amine

Formula C₇H₁₀N₂
Formula Wt. 122.17
Melting Point 108-110 °C (lit.)
Purity ≥98%
Solubility Soluble in methanol (0.1g/mL).

Store Temp Ambient
Ship Temp Ambient

Description 4-dimethylaminopyridine is an acyl transfer catalyst used as a coupling agent in peptide synthesis. This compound also exhibits cardiostimulatory inotropic activity.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
D3351	10 g	\$30.00
D3351	25 g	\$60.00
D3351	100 g	\$180.00

References Wang J, Niu S, Zhao B, et al. Catalytic synthesis of sulfated polysaccharides. II: comparative studies of solution conformation and antioxidant activities. *Carbohydr Polym.* 2014 Jul 17;107:221-31. PMID: 24702939.

Lahsasni SA. Microwave- and ultrasound-assisted synthesis of some acyclonucleobases based on a uracil moiety using dmap as base. *Nucleosides Nucleotides Nucleic Acids.* 2013;32(8):439-52. PMID: 23895354.

Hayashi T, Sun Y, Tamura T, et al. Semisynthetic lectin-4-dimethylaminopyridine conjugates for labeling and profiling glycoproteins on live cell surfaces. *J Am Chem Soc.* 2013 Aug 21;135(33):12252-8. PMID: 23889132.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.