



LKT Laboratories, Inc.

## Ethambutol Dihydrochloride

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### Product Information

Product ID E7230

CAS No. 1070-11-7

Chemical Name 2,2'-(1,2-Ethanediyldiimino)bis-1-butanol

Synonym (+)-2,2'-(ethylenediimino)di-1-butanol, EMB

Formula  $C_{10}H_{24}N_2O_2 \cdot 2HCl$

Formula Wt. 277.24

Melting Point 199-204°C

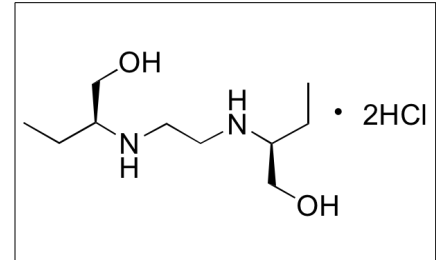
Purity  $\geq 98\%$

Solubility Soluble in water. Sparingly soluble in ethanol.

Store Temp Ambient

Ship Temp Ambient

Description Ethambutol is an antibiotic that inhibits arabinosyl transferase, preventing arabinogalactin synthesis and bacterial cell wall formation. Ethambutol exhibits antibacterial activity against *Mycobacterium* and is clinically used to treat tuberculosis.



**Bulk quantities available upon request**

Product ID	Size
E7230	5 g
E7230	25 g
E7230	100 g

References Plinke C, Walter K, Aly S, et al. *Mycobacterium tuberculosis* embB codon 306 mutations confer moderately increased resistance to ethambutol in vitro and in vivo. *Antimicrob Agents Chemother.* 2011 Jun;55(6):2891-6. PMID: 21444710.

Kahana LM. Ethambutol in tuberculosis. *Biomed Pharmacother.* 1990;44(1):21-3. PMID: 1369688.

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