

<b>Product Name:</b>	Ethambutol dihydrochloride
<b>Product Number:</b>	E005
<b>CAS Number:</b>	1070-11-7
<b>Molecular Formula:</b>	$C_{10}H_{24}N_2O_2 \cdot 2HCl$
<b>Molecular Weight:</b>	277.23
<b>Form:</b>	Powder
<b>Storage Conditions:</b>	Ambient, <30°C
<b>Description:</b>	Ethambutol DiHCl is a unique slightly soluble (7.58 mg/mL) antitubercular antibiotic which inhibits cell wall formation in <i>Mycobacterium</i> species.
<b>Mechanism of Action:</b>	Ethambutol inactivates arabinosyl transferase, an enzyme responsible for transporting mycolic acids to the cell wall. Without this enzyme, cell permeability is increased leaving the organism vulnerable to toxic matter.
<b>Spectrum:</b>	Ethambutol targets primarily species of the <i>Mycobacterium</i> genus including <i>Mycobacterium tuberculosis</i> .

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