Product Name: Ethambutol
Product Number: E009
CAS Number: 74-55-5
Molecular Formula: C\textsubscript{10}H\textsubscript{24}N\textsubscript{2}O\textsubscript{2}
Molecular Weight: 204.31
Form: Powder
Appearance: White crystalline powder
Source: Synthetic
Melting Point: 199-204°C
Storage Conditions: 2-8°C
Description: Ethambutol is a unique slightly soluble (7.58 mg/mL) antitubercular antibiotic which inhibits cell wall formation in \textit{Mycobacterium} species.
Mechanism of Action: 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.
Spectrum: Ethambutol targets primarily species of the \textit{Mycobacterium} genus including \textit{Mycobacterium tuberculosis}.

If you need any help, contact us: info@toku-e.com. Find more information on: www.toku-e.com/