

Product Name : Ethambutol dihydrochloride

Synonyms : Ethambutol Hydrochloride; CHEBI:4878; Ethambutol HCL

Cat No. : M10290

CAS Number : 1070-11-7

Molecular Formula : C₁₀H₂₆Cl₂N₂O₂

Formula Weight : 277.24

Chemical Name : [(2S)-1-hydroxybutan-2-yl]-[2-[[[(2S)-1-hydroxybutan-2-yl]azaniumyl]ethyl]azanium;dichloride

Description : Nocodazole is an inhibitor of microtubule polymerization which inhibits insulin-stimulated glucose transport. It impairs the morphology and directionality of migrating medial ganglionic eminence cells and disrupts microtubules by binding to β -tubulin. Nocodazole also prevents the formation of one of the two interchain disulfide linkages and impairs the transport of vesicles.

Pathway : GPCR/G Protein

Target : Antibacterial

Receptor : arabinosyl transferase

Solubility : Water: 56 mg/mL (201.99 mM); DMSO: 56 mg/mL (201.99 mM)

SMILES : CC[C@H](CO)[NH2+].[C@H](CC)CO.[Cl-].[Cl-]

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Tuberculosis (Edinb), 2008, 88(2), 102-105.

