

Trip-Mini Kit ®



Trip-Mini Kit ®

Each Kit contains
Composition

1 cap of Rifampicin.....	100 mg
1 Tab of Pyrazinamide.....	300 mg
1 Tab of INH.....	50 mg

Indications

Rifampicin, Ethambutol, Isoniazid, Pyrazinamide and Streptomycin are used in medication and management of Tuberculosis.

Description

Rifampicin inhibits DNA-dependent RNA polymerase in bacterial cells by binding its beta subunit, thus preventing transcription of messenger RNA (mRNA) and subsequent translation to proteins.

Pyrazinamide is a prodrug that stops the growth of Mycobacterium tuberculosis. M. tuberculosis has the enzyme pyrazinamidase which is only active at acidic pH. Pyrazinamidase converts pyrazinamide to the active form, pyrazinoic acid. Pyrazinoic acid inhibits the enzyme fatty acid synthetase I, which is required by the bacterium to synthesise fatty acids.

INH is thought to work through its effects on lipids (fats) and DNA within the tuberculosis bacterium.

Dosage

Children : 10-15 mg /kg body wt. daily as single dose.

Presentations

1kit

