

# Azathon Tablet

## Azathon Tablet

*(Azathioprine 50mg Tablet)*

### Composition:

Each tablet contains:

- **Azathioprine I.P. 50mg**

### Description:

Azathon Tablet contains **Azathioprine 50mg**, an **immunosuppressant** used to prevent organ rejection in transplant patients and to manage **autoimmune disorders** such as **rheumatoid arthritis, inflammatory bowel disease (IBD), and systemic lupus erythematosus (SLE)**.

### Pharmacological Action:

Azathioprine is a **purine synthesis inhibitor** that suppresses the immune system by:

- **Inhibiting DNA synthesis**, reducing the proliferation of immune cells
- **Lowering immune response** in autoimmune diseases and transplant rejection

### Indications:

Azathon Tablet is used for:

- **Prevention of organ transplant rejection** (Kidney, Liver, Heart)
- **Rheumatoid Arthritis (RA)**
- **Inflammatory Bowel Disease (IBD) - Crohn's Disease, Ulcerative Colitis**
- **Systemic Lupus Erythematosus (SLE)**
- **Pemphigus Vulgaris & Other Autoimmune Skin Disorders**
- **Myasthenia Gravis**
- **Autoimmune Hepatitis**

### Dosage & Administration:

- **Transplant Patients: 1-5 mg/kg/day**, adjusted as per response
- **Autoimmune Disorders: 1-3 mg/kg/day**
- Take with **food** to reduce stomach upset
- Regular **blood monitoring** is required

### Contraindications:

- **Hypersensitivity** to Azathioprine
- **Severe liver or bone marrow dysfunction**
- **Pregnancy & lactation** (unless essential)
- **Active infections**

### Warnings & Precautions:

- **Bone Marrow Suppression:** Can cause **low WBC, RBC, and platelets**
- **Infection Risk:** Avoid contact with sick individuals
- **Hepatotoxicity:** Regular **liver function tests (LFTs)** recommended
- **Cancer Risk:** Long-term use may increase risk of **lymphoma & skin cancer**
- **TPMT Deficiency:** Dose adjustment required in patients with **Thiopurine Methyltransferase (TPMT) deficiency**

### Side Effects:

- **Common:** Nausea, vomiting, diarrhea, loss of appetite
- **Serious:** Bone marrow suppression, liver toxicity, increased infection risk

### Drug Interactions:

- **Allopurinol:** Increases Azathioprine toxicity (reduce dose)
- **ACE Inhibitors:** Increased risk of **low WBC (leukopenia)**
- **Warfarin:** Reduced effectiveness

### Storage Conditions:

- Store at **room temperature (below 30°C)**
- Keep away from **moisture & direct sunlight**
- Keep out of reach of **children**

### Conclusion:

Azathon Tablet (Azathioprine 50mg) is a potent **immunosuppressant** used in **organ transplantation** and **autoimmune diseases**. Regular **blood monitoring** is essential to avoid **bone marrow suppression** and **hepatotoxicity**.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

Plot no.: 367-FF, Industrial Area Phase-I,

Panchkula-134113

TM: Trademark Applied for