



Itraconazole Capsules 130 mg

Introduction of Itraconazole Capsules 130 mg

Fungal infections can be pesky and persistent, often requiring specialized treatment to fully eradicate. One effective solution is [Itraconazole Capsules 130 mg](#), an antifungal medication designed to combat a broad spectrum of fungal infections. This article delves into the various uses of [Itraconazole](#), its dosage guidelines, benefits, and potential side effects. Whether you're dealing with a common fungal infection like athlete's foot or something more severe like systemic infections, understanding how Itraconazole works can help you make informed decisions about your treatment options.

What Are Itraconazole Capsules 130 mg?

Itraconazole is an antifungal medication belonging to the triazole class. It works by inhibiting the synthesis of ergosterol, a critical component of fungal cell membranes. Without ergosterol, the cell membrane becomes permeable and the fungus cannot survive. Itraconazole Capsules 130 mg provide a convenient and effective dosage for treating various fungal infections, both superficial and systemic.

How Does It Work?

Itraconazole targets the enzyme lanosterol 14-alpha-demethylase, essential for converting lanosterol to ergosterol. By inhibiting this enzyme, Itraconazole disrupts the production of ergosterol, compromising the fungal cell membrane's integrity. This mechanism effectively kills the fungus or inhibits its growth, making it a versatile antifungal treatment.

Uses of Itraconazole Capsules 130 mg

We commonly use itraconazole to treat a wide range of fungal infections, including but not limited to:

1. **Onychomycosis:** Itraconazole effectively treats fungal infections of the nails, commonly known as nail fungus.
2. **Dermatophytosis:** This includes infections like athlete's foot, jock itch, and ringworm, all caused by dermatophytes.

3. **Candidiasis:** This antifungal agent can manage both oral and vaginal candidiasis.
4. **Aspergillosis:** A more serious fungal infection that affects the lungs and other organs, often seen in immunocompromised individuals.
5. **Histoplasmosis and Blastomycosis:** Itraconazole is effective in treating these systemic fungal infections.
6. **Sporotrichosis:** A fungal infection that affects the skin, lungs, and other organs.