

REJECTION IS NOT AN OPTION



NOW
AVAILABLE IN
 **2 MG**

TACROREN

Tacrolimus Capsules 0.25 mg / 0.5 mg / 1 mg / 2 mg

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DESCRIPTION

- Tacrolimus is an immunosuppressive drug used mainly after allogeneic organ transplant to lower the risk of organ rejection.
- It achieves this by inhibiting the production of interleukin-2, a molecule that promotes the development & proliferation of T cells, which are vital to the body's learned (or adaptive) immune response.

INDICATION

- TACROREN is a calcineurin-inhibitor immunosuppressant indicated for Prophylaxis of organ rejection in patients receiving allogeneic liver, kidney or heart transplants.
- Use concomitantly with adrenal corticosteroids; in kidney and heart transplant, use in conjunction with azathioprine or mycophenolate mofetil (MMF).

MECHANISM OF ACTION

- Tacrolimus inhibits T-lymphocyte activation. Tacrolimus binds to an intracellular protein, FKBP-12.
- A complex of tacrolimus-FKBP-12, calcium, calmodulin and calcineurin is then formed and the phosphatase activity of calcineurin inhibited.
- This effect may prevent the dephosphorylation and translocation of nuclear factor of activated T-cells (NF-AT), a nuclear component thought to initiate gene transcription for the formation of lymphokines (such as interleukin-2, gamma interferon). The net result is the inhibition of T lymphocyte activation (i.e., immunosuppression).

DOSAGE

Patient Population	Recommended Initial Oral Dosage (2 divided dose every 12 hours)	Observed Whole blood Trough Concentrations
Adult Kidney Transplant In combination with azathioprine	0.2 mg/kg/day	Month 1-3: 7-20 ng/mL Month 4-12: 5-15 ng/mL
In Combination with MMF/IL-2 receptor antagonist	0.1 mg/kg/day	Month 1-12: 4-11 ng/mL
Adult Liver Transplant Pediatric Liver Transplant	0.10-0.15 mg/kg/day 0.15-0.20 mg/kg/day	Month 1-12: 5-20 ng/mL Month 1-12: 5-20 ng/mL
Adult Heart Transplant	0.075 mg/kg/day	Month 1-3: 10-20 ng/mL Month ≥ 4: 5-15 ng/mL

PRESENTATION

TACROREN 0.25 / 0.5 / 1 / 2 mg are available as a strip of 10 Capsules in Alu - Alu strip packing.

Reference : Tacrolimus prescribing information | Reference ID : 3083402

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