

Brand Name: MEKA-PN

Composition: Pregabalin IP 75 mg + Nortriptyline Hydrochloride IP 10 mg + Methylcobalamin IP 1500 mcg

Dosage Form: Tablets

Category: Neuropathic Pain Management

Packaging Type: Alu-Alu Blister

Packaging: 10 x 10 Tablets per box

Brief Product Information:

MEKA-PN Tablets is a synergistic combination of Pregabalin, Nortriptyline, and Methylcobalamin designed for effective management of neuropathic pain. Manufactured by **AstraEureka Pharmaceutical**, the product combines analgesic, antidepressant, and neurotrophic actions.

Composition :-

Each film coated tablet contains

pregabalin ip.....75 mg
(in sustained release form)
nortriptyline hydrochloride ip
eq. to nortriptyline.....10 mg
methylcobalamine ip.....1500mg
excipients.....q.s.

Key Ingredients:

- **Pregabalin:** An antiepileptic and anxiolytic agent that modulates calcium channels.
- **Nortriptyline Hydrochloride:** A tricyclic antidepressant with proven efficacy in chronic pain syndromes.
- **Methylcobalamin (Vitamin B12):** A neurotrophic vitamin essential for nerve regeneration.

Key Benefits:

1. Alleviates neuropathic and chronic nerve-related pain
2. Enhances nerve regeneration and function
3. Reduces symptoms of anxiety and depression associated with chronic pain
4. Improves quality of sleep and mental well-being in pain sufferers

Indications:

1. Diabetic Neuropathy
2. Post-Herpetic Neuralgia
3. Sciatica
4. Fibromyalgia
5. Trigeminal Neuralgia
6. Peripheral Neuropathy

Directions for Use:

1. Take the tablet orally with water, preferably after meals.
2. Do not chew or crush the tablet.
3. Follow dosage as directed by a registered medical practitioner.

Dosage and Administration:

- **Adults:**
 - Typically 1 tablet once or twice daily, based on severity and clinical condition.
 - Dose may be adjusted by the physician according to response and tolerance.

Safety Information:

1. Avoid alcohol consumption while on this medication
2. Use with caution in patients with renal or hepatic impairment
3. Monitor for suicidal thoughts or mood changes
4. Not recommended during pregnancy or lactation without medical advice

Mechanism of Action:

- **Pregabalin:** Binds to the alpha-2-delta subunit of voltage-gated calcium channels in CNS tissues, reducing the release of excitatory neurotransmitters and thus dampening pain signals.
- **Nortriptyline:** Inhibits norepinephrine and serotonin reuptake, thereby enhancing the descending pain inhibitory pathways.
- **Methylcobalamin:** Supports myelin sheath regeneration and neuronal repair, restoring nerve conduction and reducing pain.

Contraindications:

1. Hypersensitivity to any component of the formulation
2. Severe renal impairment (unless adjusted)
3. Recent myocardial infarction or cardiac arrhythmia (with caution for Nortriptyline)

Side Effects:

1. Dizziness
2. Dry mouth
3. Weight gain
4. Drowsiness or sedation
5. Constipation
6. Blurred vision

Important Notice:

- This medication should only be used under the supervision of a licensed medical practitioner.
- It is not a substitute for primary treatment and should be taken as part of a comprehensive pain management plan.

Storage Condition:

1. Store in a cool, dry place below 25°C
2. Protect from light and moisture
3. Keep out of reach of children

Packing Information:

- Available in Alu-Alu blister packs
- Standard pack size: 10 tablets per strip, 10 strips per box