

# Nimoplit SP Tablet

**Nimoplit SP Tablet (Nimesulide 100mg + Paracetamol 325mg + Serratiopeptidase 15mg)**

## Description

**Nimoplit SP Tablet is a combination of three active ingredients: Nimesulide (100mg), Paracetamol (325mg), and Serratiopeptidase (15mg), which work synergistically to provide effective relief from pain, inflammation, and swelling. It is commonly used to manage pain associated with conditions such as musculoskeletal disorders, arthritis, and post-operative pain, along with reducing inflammation.**

- **Nimesulide: An NSAID (Non-Steroidal Anti-Inflammatory Drug) that provides effective pain relief and reduces inflammation and fever by inhibiting the production of prostaglandins, which are chemicals responsible for pain and swelling.**
- **Paracetamol (Acetaminophen): A widely used analgesic and antipyretic, paracetamol helps alleviate pain and reduce fever, acting primarily in the brain to block pain signals.**
- **Serratiopeptidase: A proteolytic enzyme that aids in reducing inflammation and swelling by breaking down fibrin, a protein involved in the formation of excess fluid and scar tissue.**

## Composition (per tablet)

- **Nimesulide: 100mg**
- **Paracetamol: 325mg**
- **Serratiopeptidase: 15mg**

## Mechanism of Action

- **Nimesulide: Inhibits the cyclooxygenase (COX) enzymes (COX-1 and COX-2), which are responsible for the synthesis of prostaglandins, leading to a reduction in pain, fever, and inflammation.**
- **Paracetamol: Reduces pain and fever by inhibiting the cyclooxygenase (COX) enzymes, particularly in the central nervous system. It provides mild anti-inflammatory effects.**
- **Serratiopeptidase: Acts as an anti-inflammatory agent by breaking down excessive fibrin, thereby helping to reduce swelling and promote faster recovery from injuries and surgical procedures.**

## Indications

**This combination tablet is indicated for the relief of various conditions that involve pain and inflammation, including:**

- **Acute pain: Such as pain from injuries, sprains, or strains.**
- **Musculoskeletal pain: Pain due to conditions like osteoarthritis, rheumatoid arthritis, or other inflammatory conditions.**
- **Post-surgical pain: To alleviate pain and reduce swelling after surgical procedures.**
- **Dental pain: Pain after dental procedures such as extractions or dental surgeries.**
- **Fever and Inflammation: For fever associated with infections and conditions causing inflammation.**

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## Dosage and Administration

- **Recommended Dose:**
  - Take one tablet every 8 to 12 hours or as directed by your healthcare provider.
  - Do not exceed three tablets in 24 hours.
- **Administration:**
  - Swallow the tablet whole with a glass of water.
  - It is advisable to take the tablet after food to minimize the risk of stomach upset, particularly with nimesulide.

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## Contraindications

- **Hypersensitivity:** Contraindicated in patients with known hypersensitivity to any of the ingredients, particularly nimesulide, paracetamol, or serratiopeptidase.
- **Gastrointestinal Disorders:** Not recommended for patients with a history of peptic ulcers, gastrointestinal bleeding, or other serious gastrointestinal conditions.
- **Liver or Kidney Impairment:** Use with caution in patients with liver or kidney dysfunction, as paracetamol and nimesulide can cause further damage in high doses.
- **Pregnancy and Lactation:** Not recommended during pregnancy (especially in the third trimester) and breastfeeding unless specifically prescribed by a healthcare provider.
- **Severe Heart Conditions:** Caution should be exercised in patients with heart disease, hypertension, or other cardiovascular conditions, as nimesulide may affect blood circulation.

- **Children:** Not recommended for children under 12 years of age without medical advice.

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## Warnings and Precautions

- **Liver and Kidney Function:** Use caution in patients with liver or kidney impairment, as these organs are responsible for metabolizing and excreting paracetamol and nimesulide.
- **Alcohol Consumption:** Avoid alcohol while taking this medication, as it can increase the risk of liver damage due to the paracetamol content.
- **Gastrointestinal Health:** Prolonged use of NSAIDs like nimesulide may cause gastrointestinal bleeding or ulcers.
- **Allergic Reactions:** Monitor for signs of an allergic reaction, such as skin rashes, swelling, or difficulty breathing, particularly in patients with a known history of sensitivity to NSAIDs or proteolytic enzymes.
- **Drug Interactions:** Consult with a healthcare provider before taking this combination with other medications, particularly anticoagulants (blood thinners), other pain relievers, or medications affecting liver or kidney function.

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## Adverse Effects

- **Common Side Effects:**
  - Nausea, stomach discomfort, or indigestion.
  - Headache or dizziness.
  - Mild allergic reactions such as rash or itching.
- **Serious Side Effects:**
  - **Liver Toxicity:** Symptoms of liver damage include jaundice

(yellowing of the skin or eyes), dark urine, or persistent abdominal pain.

- **Gastrointestinal Bleeding:** Symptoms such as black, tarry stools, vomiting blood, or severe stomach pain.
- **Severe Allergic Reactions:** Swelling of the face, lips, tongue, or throat, difficulty breathing, or severe skin rash.
- **Kidney Damage:** Decreased urine output, swelling in the legs or feet, or unexplained weight gain.

- **Keep the tablets tightly closed in the original packaging.**
- **Keep out of reach of children.**

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### Key Points

- **Nimoplit SP is an effective combination for managing pain, inflammation, and swelling associated with musculoskeletal injuries, arthritis, and post-operative recovery.**
- **Nimesulide and paracetamol provide analgesic and anti-inflammatory effects, while serratiopeptidase enhances the reduction of swelling and promotes healing.**
- **As with any medication, it should be taken according to the prescribed dosage and only under the guidance of a healthcare provider, especially for individuals with liver, kidney, or gastrointestinal conditions.**

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### Drug Interactions

- **Other NSAIDs:** Concurrent use with other NSAIDs (such as ibuprofen or aspirin) can increase the risk of gastrointestinal bleeding and ulcers.
- **Anticoagulants:** Use with caution when combined with blood thinners like warfarin, as nimesulide and paracetamol may increase the risk of bleeding.
- **Alcohol:** Consumption of alcohol with this tablet increases the risk of liver damage due to the paracetamol content.
- **Antihypertensives:** Nimesulide may reduce the effectiveness of certain blood pressure medications, including ACE inhibitors and diuretics.
- **Methotrexate:** Nimesulide and paracetamol can increase the toxicity of methotrexate, so their combination should be avoided unless monitored closely by a doctor.

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**Note: If you experience any unusual symptoms or signs of an allergic reaction, discontinue use and consult your doctor immediately.**

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### Storage

- **Store the tablets in a cool, dry place at room temperature (15°C to 25°C).**