

S-Amlotyle 2.5 Tablet

Brand Name: S-Amlotyle 2.5 Tablet

Dosage Form: Tablet

Therapeutic Category: Antihypertensive – Calcium Channel Blocker

Composition:

Each film-coated tablet contains:

- **S-Amlodipine Besylate IP** equivalent to **S-Amlodipine 2.5 mg**
- Excipients – q.s.
- Colour – Approved colour used

Description:

S-Amlotyle 2.5 Tablet contains **S-Amlodipine**, the active (levo) enantiomer of amlodipine, a third-generation dihydropyridine calcium channel blocker. It provides potent and sustained vasodilation by inhibiting L-type calcium channels in vascular smooth muscle, resulting in lowered peripheral resistance and improved blood pressure control. The 2.5 mg dose is often used as a starting dose or in patients requiring low-dose therapy, particularly in elderly or hepatic-impaired patients.

Pharmacology & Mechanism of Action:

S-Amlodipine selectively blocks calcium influx into vascular smooth muscle cells, leading to arterial vasodilation. This reduces systemic vascular resistance, thereby lowering blood pressure without significant effects on heart rate or myocardial contractility.

Indications:

- Mild to moderate hypertension
- Chronic stable angina
- Vasospastic angina (Prinzmetal's angina)
- Initial therapy or dose adjustment in elderly/hypersensitive patients

Dosage & Administration:

- Usual dose: **2.5 mg once daily**, with or without food
- Dose may be titrated based on response
- Should be taken at the same time each day

Contraindications:

- Known hypersensitivity to S-Amlodipine or related compounds
- Severe hypotension
- Cardiogenic shock
- Acute myocardial infarction with pulmonary edema

Warnings & Precautions:

- Use with caution in patients with hepatic impairment
- Monitor blood pressure regularly
- May cause dizziness or postural hypotension
- Gradual dose adjustment advised in the elderly

Drug Interactions:

- Enhanced hypotensive effect with other antihypertensives
- CYP3A4 inhibitors (e.g., clarithromycin, ketoconazole) may increase S-Amlodipine levels
- No significant interaction with statins or diuretics

Adverse Effects:

- Common: Headache, dizziness, fatigue
- Less common: Peripheral edema, flushing, abdominal discomfort
- Rare: Allergic rash, gingival hyperplasia

Storage:

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

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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

Panchkula-134113

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