

Information For the User
S-amlodipine 5 mg tablet

S-Amlotyle 5 Tablet

Brand Name: S-Amlotyle 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 5 mg**
- Excipients – q.s.
- Colour – Approved colour used

Description:

S-Amlotyle 5 Tablet contains **S-Amlodipine**, the pharmacologically active (levo) isomer of amlodipine. It is a long-acting calcium channel blocker that selectively inhibits L-type calcium channels in vascular smooth muscle, resulting in vasodilation and decreased peripheral vascular resistance. Compared to racemic amlodipine, S-Amlodipine provides effective blood pressure control at lower doses with fewer side effects such as pedal edema.

Pharmacology & Mechanism of Action:

S-Amlodipine inhibits the transmembrane influx of calcium ions into cardiac and vascular smooth muscle. By reducing intracellular calcium levels, it causes arterial vasodilation, lowering blood pressure and reducing the workload on the heart.

Indications:

- Hypertension (mild to moderate)
- Chronic stable angina
- Vasospastic (Prinzmetal's) angina

Dosage & Administration:

- Recommended dose: **5 mg once daily**, with or without food
- Maximum dose: **10 mg/day** if required
- Dose adjustment in hepatic impairment or elderly may be needed
- Should be taken at the same time daily

Contraindications:

- Hypersensitivity to S-Amlodipine or any excipients
- Severe hypotension
- Cardiogenic shock
- Acute myocardial infarction with pulmonary edema

Warnings & Precautions:

- Use with caution in patients with liver impairment
- May cause hypotension or dizziness, especially in the elderly
- Monitor blood pressure regularly
- Avoid abrupt withdrawal

Drug Interactions:

- Potentiated hypotensive effects with other antihypertensives
- CYP3A4 inhibitors (e.g., ketoconazole, erythromycin) may increase S-Amlodipine plasma levels
- No significant interaction with diuretics, ACE inhibitors, or beta-blockers

Adverse Effects:

- Common: Headache, flushing, dizziness, fatigue
- Less common: Palpitations, peripheral edema, abdominal pain
- Rare: Gingival hyperplasia, allergic reactions

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:

CafoliTM
L I F E C A R E

Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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