



Product Information for DAPACOOL-SM TAB

Brand Name: DAPACOOL-SM TAB Contains:

- Dapagliflozin Propanediol Monohydrate Eq. to Dapagliflozin 10 mg
- Sitagliptin Phosphate Monohydrate IP Eq. to Sitagliptin 100 mg
- Metformin Hydrochloride IP 500 mg

General Information:

DAPACOOL-SM is a combination medication designed to manage type 2 diabetes. The combination of Dapagliflozin, Sitagliptin, and Metformin works synergistically to control blood sugar levels by targeting different mechanisms in the body. Dapagliflozin helps the kidneys remove excess glucose through urine, Sitagliptin boosts insulin production, and Metformin reduces glucose production in the liver, all of which contribute to improved blood sugar control.

Class of Drug:

- Dapagliflozin: SGLT2 inhibitor
- Sitagliptin: DPP-4 inhibitor
- Metformin: Biguanide

Indications and Uses:

- Management of type 2 diabetes mellitus in adults.
- Used in conjunction with diet and exercise to control blood sugar levels.
- Helps improve glycemic control in individuals with type 2 diabetes who cannot achieve adequate control with diet and exercise alone.

Common Side Effects:

- Upper respiratory tract infections
- Headache
- Diarrhea
- Nausea
- Hypoglycemia (low blood sugar)

Less Common Side Effects:

- Dizziness
- Abdominal pain
- Fatigue
- Back pain
- Increased urination

Doses and Administration:

- The usual recommended dose is one tablet per day, taken with food to reduce gastrointestinal side effects.
- The dosage should be determined by a healthcare provider based on individual requirements.
- It is essential to follow the prescribed dosage and never exceed it.

Warnings and Precautions:

- Regular monitoring of kidney function is necessary while using this medication.
- DAPACOOL-SM is not recommended for individuals with severe kidney impairment or diabetic ketoacidosis.
- Use with caution in patients with liver issues, dehydration, or low blood pressure.
- May increase the risk of urinary tract infections.

Drug Interactions:

- Can interact with diuretics, insulin, or other oral diabetes medications.
- Inform your doctor of all medications you are taking, including over-the-counter medicines and supplements.

• Avoid using alcohol while taking DAPACOOL-SM, as it can increase the risk of lactic acidosis with Metformin.

Contraindications:

- Hypersensitivity to any component of the medication.
- Severe renal impairment (eGFR < 30 ml/min/1.73 m²).
- Diabetic ketoacidosis.
- Pregnancy and breastfeeding (unless prescribed by a doctor).

Dos and Don'ts:

- **Do**: Take the medication as prescribed by your doctor.
- **Do**: Monitor blood glucose regularly.
- **Don't**: Skip doses.
- **Don't**: Take more than the prescribed dose.
- Do: Maintain a healthy diet and exercise routine.
- **Don't**: Stop taking this medication without consulting your doctor.

Before Taking:

- Consult your doctor if you have a history of kidney or liver disease, heart conditions, or if you are pregnant or breastfeeding.
- Ensure that your doctor is aware of any other medications you are taking to avoid interactions.

Disclaimer:

These medicines must be consumed according to the guidance of your doctor. This information is for general knowledge purposes only and should not be used to change the prescribed dosage. Always follow the advice and dosage instructions provided by your healthcare provider.

Manufactured by:

Econ Healthcare Pvt Ltd 11, First Floor, Science City Road, Sola, Ahmedabad

Contact Information:

Phone: +91 635-6666-700 Email: info@econhealthcare.net Website: <u>www.econhealthcare.net</u>

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This product information is meant to provide patients with comprehensive details about DAPACOOL-SM and ensure informed and safe use under the supervision of a healthcare provider.