



Metformin Hydrochloride, Voglibose & Glimepiride Tablets

Gluklein-MV1

Product Overview

Product Name: **Gluklein-MV1**

Formulation: Metformin Hydrochloride, Voglibose & Glimepiride Tablets

Strength: Metformin Hydrochloride 500 mg + Voglibose 0.2 mg + Glimepiride 1mg

Dosage Form: Tablets

Composition per Tablet

Each film-coated tablet contains:

- Metformin Hydrochloride IP 500 mg
- Voglibose IP 0.2 mg
- Glimepiride IP 1 mg
- Excipients q.s.

DESCRIPTION

Gluklein-MV1 is a fixed-dose oral antidiabetic combination containing Metformin Hydrochloride, Voglibose, and Glimepiride. This combination provides comprehensive glycemic control through complementary mechanisms of action. Metformin decreases hepatic glucose production and improves insulin sensitivity, Glimepiride stimulates insulin secretion from pancreatic beta cells, and Voglibose delays intestinal carbohydrate absorption, thereby reducing postprandial blood glucose levels. It is used as an adjunct to diet and exercise for the management of Type 2 Diabetes Mellitus.

INDICATIONS:

Used for the management of:

- Type 2 Diabetes Mellitus in adults.
- Improvement of fasting and postprandial blood glucose levels.



- Patients inadequately controlled with diet, exercise, or monotherapy.
- Long-term glycemic control as part of comprehensive diabetes management.

Dosage & Administration

Adults:

One tablet once or twice daily, or as directed by the physician.

The tablet should preferably be taken with meals to minimize gastrointestinal discomfort and improve tolerability.

Do not exceed the prescribed dosage. Regular monitoring of blood glucose levels is recommended during therapy.

CONTRAINDICATIONS

- Hypersensitivity to Metformin, Voglibose, Glimepiride, sulfonylureas, or any component of the formulation.
- Type 1 Diabetes Mellitus or diabetic ketoacidosis.
- Severe renal impairment.
- Severe hepatic impairment.
- Metabolic acidosis, including diabetic ketoacidosis.
- Pregnancy and lactation unless specifically advised by a physician.

PRECAUTIONS

- Monitor blood glucose and HbA1c regularly.
- Assess renal function before initiation and periodically during treatment.
- Use with caution in elderly patients due to increased risk of hypoglycemia.
- Avoid excessive alcohol consumption while taking this medication.
- Patients should be educated about recognizing and managing symptoms of hypoglycemia.
- Temporary discontinuation may be required before administration of iodinated contrast media or major surgical procedures.

SIDE EFFECTS

Common:

- Nausea
- Diarrhea
- Abdominal discomfort
- Flatulence
- Hypoglycemia (especially if meals are skipped)
- Dizziness

RARE:



- Lactic acidosis (associated with Metformin; rare but serious).
- Allergic skin reactions.
- Elevated liver enzymes.
- Vitamin B12 deficiency with prolonged Metformin use.

STORAGE INSTRUCTIONS

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

PRESENTATION

Blister pack containing 10 × 10 tablets.

SCHEDULE

Prescription Drug – To be sold by retail on the prescription of a Registered Medical Practitioner only.

For oral use only. Use strictly under medical supervision.

Made in India for:



H.no:1-2, GaneshNagarColony, Kuntloor, Hayathnagar
R.R.Dist, Telangana, 501505.