

Information For the Use of  
Glimepiride I.P. 4mg + Metformin Hydrochloride I.P. 500mg Tablets

# Gimtype M4 Tablet

**Brand Name:** Gimtype M4 Tablet

**Dosage Form:** Tablet

**Composition:**

Each film-coated tablet contains:

- Glimepiride IP 4 mg
- Metformin Hydrochloride IP 500 mg

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**Description:**

Gimtype M4 Tablet is a fixed-dose combination of Glimepiride, a sulfonylurea antidiabetic agent, and Metformin Hydrochloride, a biguanide antihyperglycemic agent. It is indicated for the management of type 2 diabetes mellitus when glycemic control is not adequately achieved with diet, exercise, or monotherapy. It helps in improving glycemic control through complementary mechanisms of action by reducing both fasting and post-prandial blood glucose levels.

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**Indications:**

Indicated for the treatment of:

- Type 2 diabetes mellitus
- Patients inadequately controlled on monotherapy with Glimepiride or Metformin

It helps in achieving better glycemic control and maintaining overall metabolic balance.

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**Dosage & Administration:**

Dosage should be as directed by the physician.

The tablet should be taken with meals to reduce gastrointestinal side effects and minimize the risk of hypoglycemia.

Regular monitoring of blood glucose levels is recommended during therapy.

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**Pharmacological Action:**

- Glimepiride stimulates insulin secretion from pancreatic beta cells by inhibiting ATP-sensitive potassium channels.
- Metformin decreases hepatic glucose production, improves insulin sensitivity, and reduces intestinal glucose absorption.

Together, these actions help in effective control of blood glucose levels.

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**Side Effects:**

Common side effects include hypoglycemia, nausea, abdominal discomfort, diarrhea, dizziness, and headache.

Long-term Metformin use may rarely lead to vitamin B12 deficiency or lactic acidosis in predisposed individuals.

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**Precautions & Warnings:**

- Monitor blood glucose and renal function regularly
- Risk of hypoglycemia increases with missed meals or strenuous exercise
- Use with caution in elderly patients and those with renal or hepatic impairment
- Metformin-associated lactic acidosis is rare but serious
- Not indicated for type 1 diabetes mellitus or diabetic ketoacidosis

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**Drug Interactions:**

May interact with insulin, corticosteroids, diuretics, beta-blockers, and alcohol.

Concurrent use with other antidiabetic agents may increase hypoglycemic effects.

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**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

**Corporate Office :**

Plot no. 307, Industrial Area Phase-2,

Panchkula, Haryana -134113

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