

Information For the Use of
Glibenclamide (5mg) + Metformin (500mg) Tablet

Glibclay M 5-500 Tablet

Brand Name: Glibclay M 5-500 Tablet

Dosage Form: Tablet

Composition:

Each film-coated tablet contains:

- Glibenclamide IP 5 mg
 - Metformin Hydrochloride IP 500 mg
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Description:

Glibclay M 5-500 Tablet is a fixed-dose combination of Glibenclamide, a sulfonylurea antidiabetic agent, and Metformin, a biguanide antihyperglycemic agent. It is indicated for the management of type 2 diabetes mellitus in patients inadequately controlled with diet, exercise, or monotherapy. It helps in improving glycemic control through complementary mechanisms of action and reducing both fasting and post-prandial blood glucose levels.

Indications:

Indicated for the treatment of:

- Type 2 diabetes mellitus
 - Patients inadequately controlled on monotherapy with sulfonylurea or metformin
- It helps in achieving better glycemic control and maintaining overall metabolic stability.
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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.

Pharmacological Action:

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

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

Side Effects:

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

Long-term Metformin therapy may rarely be associated with vitamin B12 deficiency or lactic acidosis in predisposed individuals.

Precautions & Warnings:

- Monitor blood glucose and renal function regularly
- Use with caution in elderly patients and those with renal or hepatic impairment
- Risk of hypoglycemia may increase with missed meals or excessive exercise
- 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.

Concomitant use with other antidiabetic agents may enhance hypoglycemic effects.

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.)

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