

# Bidip

Cilnidipine INN

**Composition:**

**Bidip 5 Tablet:** Each film coated tablet contains Cilnidipine INN 5 mg.

**Bidip 10 Tablet:** Each film coated tablet contains Cilnidipine INN 10 mg.

**Description:**

Cilnidipine is a 4<sup>th</sup> generation Calcium channel blocker. It is also vaso selective and has a weak direct dromotropic effect, a strong vasodepressor effect and an arrhythmia-inhibiting effect. Cilnidipine is a Ca<sup>2+</sup> channel blocker with a dual L & N-type Ca<sup>2+</sup> channel blocking action. The L-type calcium channel blockade by cilnidipine affects predominantly vascular smooth muscle, thereby producing vasodilation of peripheral resistance vessels and coronary arteries. The blockade of N-type Ca<sup>2+</sup> channels effectively suppresses neurohormonal regulations in the cardiovascular system, including sympathetic nervous system and renin-angiotensin-aldosterone system. Thus, cilnidipine can reduce various types of complications of hypertension as well as cardiovascular diseases.

**Indications:**

It is indicated for the management of hypertension.

**Dosage & administration:**

The recommended adult oral dosage of Bidip is 5-10 mg once daily. The dosage can be increased up to 20 mg in a day, if needed.

**Contraindications:**

Cardiogenic shock, recent MI or acute unstable angina, severe aortic stenosis.

**Adverse Effects:**

The most common side effects of Cilnidipine are: dizziness, flushing, headache, hypotension, peripheral edema, palpitations, GI disturbances, increased micturition frequency, lethargy, eye pain, depression.

**Warning and Precautions:**

Hypotension, poor cardiac reserve, heart failure. Sudden withdrawal may exacerbate angina. Discontinue in patients who experience ischemic pain following administration.

**Use in Specific Populations:**

Use in pregnancy & lactation: It is not recommended in pregnancy. It should not be used during breast-feeding.

Use in pediatric patients: The safety of Cilnidipine in pediatric patients has not been established.

Use in the elderly: Since the elderly may be more susceptible to hypotension, therapy should be initiated with the lowest possible dose (5 mg).

**Drug interactions:**

It interacts with other antihypertensive, aldesleukin, antipsychotics that cause hypotension, may modify insulin and glucose responses, quinidine, carbamazepine, phenytoin, rifampicin, cimetidine, erythromycin.

**Overdose:**

Available data suggest that gross over dosage could result in excessive peripheral vasodilation and possibly reflex tachycardia.

**Storage:**

Do not store above 25°C. Protect from light. Keep out of reach of children.

**Packing:**

**Bidip 5 Tablet:** Each carton contains 3X10's tablets in blister pack.

**Bidip 10 Tablet:** Each carton contains 3X10's tablets in blister pack.

Manufactured by



**Ziska Pharmaceuticals Ltd.**

Kaliakoir, Gazipur, Bangladesh

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