



Summary of Product Characteristics

BISODAC-HF 2.5 mg, 5 mg & 10 mg

(Bisoprolol Fumarate 2.5 mg, 5 mg & 10 mg Tablets)

R_x Only

NAME OF THE DRUG PRODUCT

Bisoprolol Fumarate Tablets 2.5 mg
Bisoprolol Fumarate Tablets 5 mg
Bisoprolol Fumarate Tablets 10 mg

(TRADE) NAME OF THE PRODUCT

BISODAC-HF 2.5
BISODAC-HF 5
BISODAC-HF 10

STRENGTH: 2.5 mg, 5 mg and 10 mg.

PHARMACEUTICAL DOSAGE FORM: Film-coated tablet

QUALITATIVE AND QUANTITATIVE COMPOSITIONS

Bisoprolol Fumarate Tablets 2.5 mg
Each film-coated tablet contains Bisoprolol Fumarate Ph.Eur. 2.5 mg

Bisoprolol Fumarate Tablets 5 mg
Each film-coated tablet contains Bisoprolol Fumarate Ph.Eur. 5 mg

Bisoprolol Fumarate Tablets 10 mg
Each film-coated tablet contains Bisoprolol Fumarate Ph.Eur. 10 mg

PHARMACEUTICAL FORM

BISODAC-HF 2.5 mg: White, circular, biconvex, film-coated tablets debossed with 'P and break line' on one side and '2' on the other side.
BISODAC-HF 5 mg: White, circular, biconvex, film-coated tablets debossed with 'P and break line' on one side and '5' on the other side.
BISODAC-HF 10 mg: White, circular, biconvex, film-coated tablets debossed with 'P and break line' on one side and '10' on the other side.

Therapeutic indications

- For 2.5 mg
- Treatment of stable chronic heart failure with reduced systolic left ventricular function in addition to ACE inhibitors, and diuretics, and optionally cardiac glycosides.
- For 5mg & 10 mg
- Treatment of high blood pressure (hypertension)
 - Treatment of coronary heart disease (angina pectoris)
 - Treatment of stable chronic heart failure with reduced systolic left ventricular function in addition to ACE inhibitors, and diuretics, and optionally cardiac glycosides.

Posology and method of administration

Recommended Dose for 5 mg & 10 mg
Treatment of hypertension or angina pectoris
In all cases the dose regimen is adjusted individually by your doctor, in particular according to the pulse rate and therapeutic success.
The usual initial dose is 5mg bisoprolol fumarate once daily. If necessary, the dose may be increased to 10mg bisoprolol fumarate once daily.
The maximum recommended dose is 20mg bisoprolol fumarate once daily.
BISODAC-HF must be used with caution in patients with hypertension or angina pectoris and accompanying heart failure.

For 2.5 mg, 5 mg & 10 mg
Treatment of stable chronic heart failure
Standard treatment of CHF consists of an ACE inhibitor (or an angiotensin receptor blocker in case of intolerance to ACE inhibitors), a betablocker, diuretics, and when appropriate cardiac glycosides. The initiation of treatment of stable chronic heart failure with BISODAC-HF necessitates a special titration phase.
Precondition for treatment with bisoprolol is stable chronic heart failure without acute failure.
It is recommended that the treating physician be experienced in the management of chronic heart failure.
The treatment of stable chronic heart failure with bisoprolol is initiated according to the following titration scheme, individual adaptation may be necessary depending on how well the patient tolerates each dose, i.e. the dose is to be increased only, if the previous dose is well tolerated.

1st week	1.25 mg	bisoprolol fumarate once daily*
2nd week	2.5 mg	bisoprolol fumarate once daily*
3rd week	3.75 mg	bisoprolol fumarate once daily*
4th–7th week	5 mg	bisoprolol fumarate once daily@
8th–11th week	7.5 mg	bisoprolol fumarate once daily@
12 th week and beyond	10mg	bisoprolol fumarate once daily as maintenance treatment*@

* BISODAC-HF 10 is not suitable for initial treatment of stable chronic heart failure. Lower strengths are available for this purpose.
@ BISODAC-HF 2.5 is suitable for initial treatment of stable chronic heart failure. Higher strengths are available for maintenance treatment.
The maximum recommended dose is 10mg bisoprolol fumarate once daily.
Close monitoring of vital signs (blood pressure, heart rate) and symptoms of worsening heart failure is recommended during the titration phase. Symptoms may already occur within the first day after initiating therapy.

Treatment modification

If during the titration' phase or thereafter, transient worsening of heart failure, hypotension or bradycardia occurs, reconsideration of the dosage of concomitant medication is recommended. It may also be necessary to temporarily lower the dose of bisoprolol or to consider discontinuation.
The reintroduction and/or up titration of bisoprolol should always be considered when the patient becomes stable again.

Duration of treatment

Treatment with BISODAC-HF is generally a long-term therapy.

Do not stop treatment abruptly or change the recommended dose without talking to your doctor first since this might lead to a transitory worsening of heart condition.
Especially in patients with ischaemic heart disease, treatment must not be discontinued suddenly. If discontinuation is necessary, the daily dose is gradually decreased.

Special populations

- Renal or hepatic impairment:
- Treatment of hypertension or angina pectoris:* In patients with liver or kidney function disorders of mild to moderate severity no dosage adjustment is normally required. In patients with severe renal impairment (creatinine clearance < 20 ml/min) and in patients with severe hepatic impairment a daily dose of 10mg bisoprolol fumarate must not be exceeded.
 - Treatment of stable chronic heart failure:* There is no information regarding pharmacokinetics of bisoprolol in patients with chronic heart failure and concomitant hepatic or renal impairment. Titration of the dose in these populations must therefore be made with particular caution.

Elderly: No dosage adjustment is required.
Children: There is no paediatric experience with bisoprolol, therefore its use cannot be recommended for children.

Administration

BISODAC-HF tablets are taken in the morning with or without food. They are swallowed with some liquid and not to be chewed.

Route of administration : ORAL

Contraindications

- BISODAC-HF must not be used in patients with:
- acute heart failure or during episodes of heart failure decompensation requiring intravenous therapy with substances increasing the contractility of the heart,
 - shock induced by disorders of cardiac function (cardiogenic shock),
 - severe disturbances of atrioventricular conduction (second or third degree AV block) without a pacemaker,
 - sick sinus syndrome,
 - sinoatrial block,
 - slowed heart rate, causing symptoms (symptomatic bradycardia),
 - decreased blood pressure, causing symptoms (symptomatic hypotension),
 - severe bronchial asthma or severe chronic obstructive pulmonary disease,
 - severe forms of peripheral arterial occlusive disease or Raynaud's syndrome,
 - untreated tumours of the adrenal gland (phaeochromocytoma),
 - metabolic acidosis,
 - hypersensitivity to bisoprolol or to any of the excipients

Warnings and precautions

- The following section describes when BISODAC-HF must be used with special caution:
- diabetes mellitus with extremely fluctuating blood glucose levels: symptoms of markedly reduced blood glucose (hypoglycaemia) such as tachycardia, palpitations or sweating can be masked,
 - strict fasting,
 - ongoing desensitization therapy,
 - mild disturbances of atrioventricular conduction (first degree AV block),
 - disturbed blood flow in the coronary vessels due to vasospasms (Prinzmetal's angina),
 - peripheral arterial occlusive disease (aggravation of symptoms may occur especially when starting therapy),
 - Patients with psoriasis or with a personal history of psoriasis.

Respiratory system

In bronchial asthma or other symptomatic chronic obstructive pulmonary diseases concomitant bronchodilator therapy is indicated. An increase in airway resistance may occasionally occur in patients with asthma, requiring a higher dose of beta2-sympathomimetics.

Allergic reactions

Beta-blockers, including BISODAC-HF, may increase the sensitivity to allergens and the severity of anaphylactic reactions because the adrenergic counter regulation under beta- blockade may be alleviated. Treatment with adrenaline may not always yield the expected therapeutic effect.

General anaesthesia

In patients undergoing general anaesthesia the anesthetist must be aware of beta-blockade. If it is thought necessary to withdraw BISODAC-HF before surgery, this should be done gradually and completed about 48 hours prior to anaesthesia.

Phaeochromocytoma

In patients with a tumour of the adrenal gland (phaeochromocytoma) BISODAC-HF may only be administered after previous alpha-receptor blockade.

Thyrototoxicosis

Under treatment with BISODAC-HF the symptoms of a thyroid hyperfunction (thyrototoxicosis) may be masked.

Special populations

So far no sufficient therapeutic experience is available for BISODAC-HF in patients with heart failure and concomitant insulin dependent type I diabetes mellitus, severely impaired kidney function, severely impaired hepatic function, restrictive cardiomyopathy, congenital heart diseases or hemodynamically relevant organic valvular heart disease.
No sufficient therapeutic experience is available either in patients with heart failure and myocardial infarction within the last 3 months.
There is insufficient experience with bisoprolol in children, therefore the use of BISODAC- HF cannot be recommended for children.

Interaction with other medicinal products and other forms of interaction

Combinations not recommended

- Calcium antagonists of the verapamil type and to a lesser extent of the diltiazem type: Negative influence on contractility and atrio-ventricular conduction. Intravenous administration of verapamil in patients on beta-blocker treatment may lead to profound hypotension and atrioventricular block.
- Centrally acting antihypertensive drugs such as clonidine and others (e.g. methyl dopa, moxonidine, rilmenidine): Concomitant use of centrally acting antihypertensive drugs may further decrease the central sympathetic

