

NAME OF THE MEDICINE

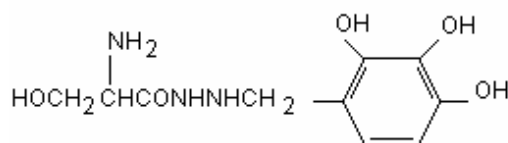
MADOPAR

(levodopa + benserazide)

For the treatment of Parkinson's disease.

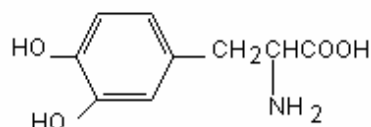
MADOPAR is a combination of levodopa and the dopa decarboxylase inhibitor, benserazide (DL-2'-(2,3,4-trihydroxybenzyl) serine hydrazide), present as the hydrochloride, in the ratio of 4:1.

Structural formula:



BENSERAZIDE

CAS: benserazide: 322 35 0



LEVODOPA

CAS: levodopa: 59 92 7

DESCRIPTION

The various MADOPAR preparations contain the following excipients:

MADOPAR Tablets:

Both MADOPAR and MADOPAR 125 tablets contain mannitol, microcrystalline cellulose, crospovidone, magnesium stearate, pregelatinised maize starch, ethylcellulose, anhydrous calcium hydrogen phosphate, colloidal anhydrous silica, docusate sodium, iron oxide red.

MADOPAR Rapid 62.5 and MADOPAR Rapid 125 Tablets:

MADOPAR Rapid tablets contain citric acid, starch- maize, microcrystalline cellulose, magnesium stearate.

MADOPAR Capsules:

MADOPAR, MADOPAR 62.5 and MADOPAR 125 capsules all contain microcrystalline cellulose, talc, povidone, magnesium stearate, indigo carmine, titanium dioxide, iron oxide (red, yellow or black), gelatin. MADOPAR 62.5 also contains mannitol.

MADOPAR HBS capsules contain mannitol, talc, povidone, magnesium stearate, calcium hydrogen phosphate, hypromellose, hydrogenated vegetable oil, indigo carmine, iron oxide yellow, titanium dioxide, gelatin and TEKPRINT SW-1102 Red Ink used as a printing ink.

PHARMACOLOGY

Levodopa is the metabolic precursor of dopamine. The latter is severely depleted in the striatum pallidum and substantia nigra of Parkinsonian patients and it is considered that the administration of levodopa raises the level of available dopamine in these centres. The major portion of a levodopa

dose, however, is decarboxylated in tissues outside the brain. As a consequence the full therapeutic effect may not be obtained and side effects may occur.

The decarboxylase inhibitor, benserazide, at the recommended therapeutic dose does not cross the blood-brain barrier to any significant degree, although at very high doses it may enter the central nervous system.

Administration of benserazide makes it possible to inhibit the peripheral decarboxylation of levodopa without significantly affecting its metabolism in the brain. Combined therapy with levodopa and benserazide reduces the amount of levodopa required for optimal therapeutic benefit and permits an earlier response to therapy.

The HBS form (Hydrodynamically Balanced System) provides prolonged release of the active ingredients in the stomach where the capsule remains for several hours. It ensures therapeutic levodopa plasma levels for several hours and a significant reduction of the concentration peaks.

PHARMACOKINETICS

Direct methods to measure benserazide are lacking, however, studies using radiolabelled benserazide have shown that 70% of the oral dose is absorbed from the intestine reaching peak plasma levels in about an hour. Measurements of the total radioactivity of the plasma levels indicate at least two metabolites with different half lives. The metabolites in humans have not been clearly identified but probably include serine and trihydroxy-benzyl-hydrazine.

After a single oral dose of benserazide alone about 60% of the total radioactivity appears in the urine, most of it (85%) during the first 12 hours. 30% of the dose appears in the faeces. The presence of levodopa causes a somewhat higher absorption and excretion of the benserazide.

Levodopa is almost completely absorbed from conventional MADOPAR tablets and capsules giving peak levels in 1-2 hours. In the presence of benserazide the levels reached by 200mg levodopa approximate those of 1000mg levodopa alone. The duration of action of a dose of levodopa is variable according to the stage of the disease. 78% is excreted in the urine in 48 hours, with only about 0.2% in the faeces. Metabolites include homovanillic acid (24%) and mandelic acid.

The pharmacokinetic profile of levodopa following administration of MADOPAR RAPID is very similar to that following MADOPAR Standard in healthy volunteers and in Parkinsonian patients, but the time to peak concentrations tends to be shorter after MADOPAR RAPID.

The pharmacokinetic properties of the MADOPAR HBS form differ from those of the conventional capsules and tablets. The active ingredients are released slowly in the stomach. The maximum plasma concentration, which is lower than for the standard dosage forms, is reached approximately 3 hours after ingestion. The plasma concentration curve shows a longer "half-duration" (time span where plasma concentrations are equal to or higher than the half maximum concentration) than that of the conventional forms which indicates pronounced controlled-release properties.

The bioavailability of MADOPAR HBS is about 60% of the conventional capsules or tablets. The bioavailability is reduced by antacids but not by food.

INDICATIONS

Parkinson's disease and parkinsonian symptoms including post-encephalitic and toxic forms, but excluding drug induced parkinsonism.

MADOPAR HBS is indicated for patients presenting with all types of fluctuations in response (i.e. "peak dose dyskinesia" and "end of dose deterioration") and for better control of nocturnal symptoms.

CONTRAINDICATIONS

As with levodopa, patients in whom sympathomimetic amines are contraindicated should not receive MADOPAR. Monoamine oxidase inhibitors should not be given concomitantly and should be withdrawn at least two weeks prior to initiating MADOPAR therapy.

MADOPAR must not be given in conjunction with non-selective monoamine oxidase (MAO) inhibitors. However, selective monoamine oxidase B (MAO-B) inhibitors, such as selegiline and selective monoamine oxidase A (MAO-A) inhibitors, such as moclobemide are not contraindicated. Combination of MAO-A and MAO-B inhibitors is equivalent to non-selective MAO inhibition and hence they should not be given concomitantly with MADOPAR.

MADOPAR should not be administered to patients with clinical or laboratory evidence of uncompensated cardiovascular, endocrine, renal, hepatic, haematological or pulmonary disease, or in patients with narrow angle glaucoma, or with active psychosis or serious psychoneurosis. Because levodopa may activate a malignant melanoma, MADOPAR should not be used in patients with suspicious, undiagnosed lesions or a history of melanoma. MADOPAR is contraindicated in patients with a known hypersensitivity to levodopa, benserazide or any of the excipients in the preparation and also in the management of intention tremor and Huntington's chorea.

MADOPAR must not be given to patients under 30 years of age.

MADOPAR is contraindicated in those patients who may be hypersensitive to levodopa, benserazide or any of the excipients.

PRECAUTIONS

Hypersensitivity reactions may occur in susceptible individuals.

All patients should be carefully observed for signs of depression with suicidal tendencies or other serious behavioural changes. Extreme caution should be used in treating patients with a history of psychotic disorders or who are receiving psychotherapeutic agents such as phenothiazines or tricyclic anti-depressants.

Care should be exercised in administering MADOPAR to patients with a history of myocardial infarction or who have atrial, nodal or ventricular arrhythmias. Patients with cardiac abnormalities should have their treatment with MADOPAR initiated in a facility with adequate monitoring equipment and provision for intensive care.

General: Regular assessment of cardiovascular, hepatic, haematopoietic and renal function should be performed in all patients during extended therapy.

Diabetes: Patients with diabetes should undergo frequent blood sugar tests, and the dosage of antidiabetic agents should be adjusted to blood sugar levels.

Patients with a history of convulsive disorders should be treated cautiously if MADOPAR is incorporated into their regimen. The possibility of upper gastro-intestinal haemorrhage occurring in patients with a history of peptic ulcer must be borne in mind when treating them with MADOPAR.

Use in patients with osteoporosis and osteomalacia: The effects of MADOPAR on human bone during prolonged administration is not known. It should be remembered that elderly people have a considerable incidence of subclinical osteoporosis and osteomalacia. In animal studies in rats, skeletal abnormalities resulting from disturbance of the growth of the epiphyseal plates, prior to closure, have occurred.

Physical Activity: Patients with severe parkinsonism who improve on MADOPAR therapy should be advised to resume normal activities gradually and with caution as rapid mobilisation may increase the risk of injury.

Use in patients with wide-angle glaucoma: Patients with chronic wide-angle glaucoma can be treated cautiously with MADOPAR, provided the intra-ocular pressure is well controlled and monitored carefully during therapy. Rarely pupillary dilatation and activation of latent Horner's syndrome have been reported during levodopa treatment.

Psychoactive drugs: If concomitant administration of psychoactive drugs are necessary, they should be administered with great caution. Patients should be carefully observed for unusual, untoward drug effect (see "Contraindications" and "Warnings"). Phenothiazines and butyrophenone derivatives may antagonise MADOPAR and in general should not be used.

Anaesthesia: If general anaesthesia is required, MADOPAR should, if possible be discontinued 2 or 3 days beforehand. On resumption of medication the dosage should be gradually stepped up again to the pre-operative level. Anaesthesia with cyclopropane or halothane should be avoided in emergency surgery. The patient must be closely supervised during the operation.

Somnolence: MADOPAR has been associated with somnolence and episodes of sudden sleep onset. Sudden onset of sleep during daily activities, in some cases without awareness or warning signs, has been reported very rarely. Patients must be informed of this and advised to exercise caution while driving or operating machines during treatment with MADOPAR (see also Effects on the ability to drive and use machinery). A reduction of dosage or termination of therapy may be considered.

Dopaminergic drugs: Compulsive behaviour such as gambling, hypersexuality, shopping, eating, medication use and punding (repetitive purposeless activity) has been reported in patients taking dopamine agonists for Parkinson's Disease, especially at high doses. There is no established causal relationship between benserazide, which is not a dopamine agonist, and these events. However, caution is advised as levodopa is a dopaminergic drug. Prescribers, patients and caregivers should be alert to the possibility of such behaviour, which may have serious financial and social consequences.

MADOPAR must not be withdrawn abruptly. Abrupt withdrawal of the preparation may result in a neuroleptic malignant-like syndrome (hyperpyrexia, muscular rigidity, possibly psychological changes and elevated serum creatinine phosphokinase) which may be life-threatening. Should a combination of such symptoms and signs occur then the patient should be kept under surveillance by a physician (if necessary hospitalized) and rapid and appropriate symptomatic treatment given. This may include re-introduction of MADOPAR after appropriate evaluation.

Effects on ability to drive and use machinery

Patients being treated with MADOPAR and presenting with somnolence and/or sudden sleep episodes must be informed to refrain from driving or engaging in activities where impaired alertness may put themselves or others at risk of serious injury or death (e.g. operating machines) until such recurrent episodes and somnolence have resolved.

Potential for Drug Dependence or Abuse

A small sub-group of Parkinson's disease patients have been shown to suffer from cognitive and behavioural disturbances that can be directly attributed to taking increasing quantities of medication against medical advice and well beyond the doses required to treat their motor disabilities.

Use in Pregnancy

Category B3

Madopar should not be taken during pregnancy or by women of childbearing potential in the absence of adequate contraception because of possible damage to foetal skeletal development.

Use in Lactation

MADOPAR should not be given to nursing mothers as levodopa and benserazide may appear in the mother's milk; furthermore, levodopa may inhibit lactation and there is a possibility that the skeletal changes found in rats may be relevant to growing bones in humans.

Drug Interactions

Cardiovascular drugs: Postural hypotensive episodes have been reported; therefore, MADOPAR should be administered cautiously and blood pressure monitored in patients on antihypertensive medication. Furthermore, special care is required with alpha methyl dopa which is a substrate for the enzyme dopa decarboxylase.

The action of MADOPAR is inhibited by neuroleptics and opioids.

MADOPAR should not be administered concomitantly with irreversible non selective MAO inhibitors, there should be an interval of at least two weeks between stopping the MAO inhibitor and starting MADOPAR therapy. However, selective MAO-B inhibitors, such as selegiline and selective MAO-A inhibitors, such as moclobemide can be prescribed to patients on MADOPAR therapy and it may be necessary to adjust the patient's levodopa dose.

Combination of MAO-A and MAO-B inhibitors is equivalent to non-selective MAO inhibition and hence they should not be given concomitantly with MADOPAR. (see also Contraindications).

MADOPAR should not be administered concomitantly with sympathomimetic agents (adrenaline, noradrenaline, isoprenaline or dexamphetamine) as their effect may be potentiated by levodopa. If concomitant administration should be necessary, monitoring of the cardiovascular system is essential, and the dose of the sympathomimetic agent may need to be reduced.

The effect of MADOPAR is not impaired by multivitamin preparations containing vitamin B₆

Combination with other anti-parkinsonian agents (anticholinergics, amantadine, dopamine agonists) is permissible, though such combination may intensify both the desired and the undesired effects. Dosage adjustment of MADOPAR or the other substance may be required. When initiating adjuvant treatment with a COMT inhibitor, a reduction of the dosage of MADOPAR may be necessary. Anticholinergics should not be withdrawn abruptly if therapy with MADOPAR is instituted.

The absorption of levodopa from the gastrointestinal tract may be impaired by a protein-rich meal taken at the same time.

Interference with Laboratory Tests

MADOPAR therapy may increase urinary catecholamines and metabolites and may therefore interfere with interpretation of urinary assays, e.g. diagnosis of adrenal tumours. Coombs' test may give false positive results in patients on MADOPAR therapy.

"T" wave increase was observed in 27% of patients in one study. Rarely, "PR" intervals may increase.

Uric acid, creatinine, and glucose estimation may be interfered with by levodopa.

For reported biochemical disturbances see "Adverse Reactions - Biochemical Abnormalities".

ADVERSE REACTIONS

Serious or life threatening reactions: The most common serious adverse reactions are due to central neuropharmacologic activity of the drug, and can usually be diminished by dosage reduction. These include abnormal involuntary movements, dyskinesia, hyperkinesia and involuntary jerks, (muscle twitch and blepharospasm may be taken as early signs to consider dosage reduction). Other serious reactions are mental changes, including paranoid ideation and psychotic episodes; depression with or without suicidal tendencies, mania and hallucinations. Cardio-arrhythmias, angina pectoris and orthostatic hypotension have also been reported.

With prolonged treatment, fluctuations in therapeutic response may also be encountered. They include freezing episodes, end of dose deterioration and the "on-off" effect.

The more frequently reported adverse reactions associated with the use of MADOPAR are listed below. The events listed below are classified by body system:

Gastrointestinal disorders: Nausea and vomiting (although these occur significantly less often with MADOPAR than with levodopa alone), anorexia, constipation

Body as a whole: weight gain, oedema, lassitude

Central and peripheral nervous system disorders: dyskinesia, hyperkinesia, involuntary jerks (lips, head, tongue, cheeks, extremities), hiccups, insomnia, depression, nocturnal excitation, diurnal excitation, somnolence, dizziness, abnormal involuntary movements (eg. choreiform or athetotic) particularly at later stages of treatment.

Heart rate and rhythm disorders: palpitations

Musculo-skeletal disorders: muscle cramps, hypotonia

Other less frequently reported reactions include the following:

Cardiovascular disorders: angina pectoris, rhythm disturbances, orthostatic hypotension

Gastrointestinal disorders: diarrhoea, sialorrhoea

Musculo-skeletal disorders: leg pain, torsion dystonia

Central and peripheral nervous system disorders: hallucinations, mania, agitation, confusion
fainting

Respiratory disorders: dyspnoea

Reproductive disorders male and female: changes in libido

Skin and appendages disorders: pruritus and rash may occasionally occur

Disorders of the other special senses: isolated cases of loss or change of taste have been reported.

Blood disorders: haemolytic anaemia as well as mild, transient leukopenia and thrombocytopenia have been reported in a few rare cases (for monitoring see Precautions under *General*).

Urinary system disorders: urine may be altered in colour, usually red tinged and turns dark on standing.

Biochemical abnormalities: Transient rises in AST, ALT and alkaline phosphatase are common. Increased gamma-glutamyltransferase has been reported. Serum urea and creatinine levels may fall early in treatment and then revert to normal after some months. PBI levels may rise. Transient rise in BSP retention. Prothrombin levels may rise. Transient fall in platelet and eosinophil count may occur.

Post-marketing: anxiety, delusions and temporal disorientation may occur particularly in elderly patients and in patients with a history of such disorders. MADOPAR is associated with somnolence and has been associated very rarely with excessive daytime somnolence and sudden sleep onset episodes.

DOSAGE AND ADMINISTRATION

In order to reduce the incidence of adverse reactions and achieve maximal benefit, MADOPAR therapy must be individualised and drug administration must be continuously matched to the patient's needs and tolerance. Dosage must be carefully titrated in the elderly. Combined therapy with MADOPAR has a narrower therapeutic range than with levodopa alone because of its greater milligram potency. Therefore, titration and adjustment of dosage should be made in small steps and the dosage ranges recommended should usually not be exceeded. The appearance of involuntary movements should be regarded as a sign of levodopa toxicity and as an indication of overdose requiring dose reduction. Treatment should, therefore, aim at maximal benefit without dyskinesias.

The following schemes may be taken as a guide.

(a) Initial treatment.

The initial dosage schedule recommended is 1 capsule, tablet MADOPAR 125 or 125mg dispersible tablet three times daily. The daily dosage is then increased by 1 capsule, tablet MADOPAR 125 or 125mg dispersible tablet at weekly intervals until the individual therapeutic dosage is reached; when the patient can be followed very frequently the rate of dosage increase can be faster, e.g. twice a week. Thus the effective dose may be reached in as little as four days.

The effective dosage is generally between 4 and 8 capsules, tablets MADOPAR 125 or 125mg dispersible tablets daily, divided into three or four doses; it is rarely necessary to administer more than 10 capsules, tablets MADOPAR 125 or 125mg dispersible tablets daily.

(b) Maintenance treatment.

MADOPAR capsules or tablets can be used if the optimum therapeutic dosage amounts to more than 5 capsules or, tablets MADOPAR 125 or 125mg dispersible tablets daily, since it is advisable to divide the daily dosage into at least three doses.

The average maintenance dosage is 1 capsule or tablet MADOPAR three times daily, however, since the improvement may fluctuate, division of the daily dosage (regarding both the number of individual doses and their distribution through the day) must be adapted to individual requirements. If a patient begins to experience marked fluctuations in response in the course of the day (e.g. 'on-off' phenomena) the situation can often be noticeably improved by using MADOPAR 62.5, or, preferably by using MADOPAR HBS as recommended below.

If using MADOPAR 62.5 capsules or MADOPAR Rapid 62.5 tablets the total daily dosage is in principle not changed, but some (or all, if necessary) of the capsules or dispersible tablets of MADOPAR 125 or MADOPAR are replaced by capsules or dispersible tablets of MADOPAR 62.5, taken at shorter intervals.

MADOPAR should if possible be taken either at least 30 minutes before or 1 hour after meals. However some patients find that MADOPAR is better tolerated if it is taken with food.

(c) Use of MADOPAR HBS

The switch to MADOPAR HBS is preferably made from one day to the next while keeping the same daily dose and the same frequency of intake. After two to three days, the dosage should be gradually increased by about 50%, because of the lower bioavailability of this special dosage form. Patients should be informed that their condition may deteriorate for a while.

Due to the pharmacokinetic properties of MADOPAR HBS, the onset of action is approximately three hours. If desired, effective plasma levels may be achieved more rapidly by administering MADOPAR HBS together with conventional capsules or tablets. This may

prove especially useful for the first morning dose, which should preferably be somewhat higher than the subsequent daily doses.

The individual titration for MADOPAR HBS must be carried out slowly and carefully, in intervals of at least 2 to 3 days between each change of dosage.

In case of poor response to MADOPAR HBS even at daily doses corresponding to 1500mg of levodopa, or after six weeks treatment it is preferable to resume the previous treatment with the conventional capsules, tablets or dispersible tablets.

Over-responsiveness may be controlled by increasing the length of the intervals between administrations rather than by reducing the single doses.

In patients with nocturnal disability, positive effects have been reported after gradually increasing the last evening dose up to three MADOPAR HBS capsules at bedtime. Patients should be carefully observed for possible psychic side effects.

Dosage must be carefully titrated in every individual, including in elderly patients.

- (d) MADOPAR Rapid 62.5 and Rapid 125 tablets should be dispersed in a quarter of a glass of water (approx. 25-50 mL). The tablets completely disperse within a few minutes to give a milky-white dispersion. Due to rapid sedimentation, it is advisable to stir the dispersion immediately before drinking.

MADOPAR Rapid 62.5 and Rapid 125 tablets should be taken within half an hour of dispersing the tablets.

MADOPAR Rapid 62.5 and Rapid 125 tablets are particularly suitable for patients with dysphagia (difficulties in swallowing) or in situations where a more rapid onset of action is required e.g. patients suffering from early morning and afternoon akinesia, or in patients who exhibit “delayed on” or “wearing off” phenomenon.

- (e) Conversion from levodopa alone to MADOPAR

Gradually reduce the dosage of levodopa until parkinsonian symptoms reappear or become marked; when this point has been reached replace each 500mg levodopa then being administered by 1 capsule, tablet MADOPAR 125 or 125mg dispersible tablet, since the efficacy of 1 capsule, tablet MADOPAR 125 or 125mg dispersible tablet is approximately equal to that of 500mg levodopa.

Observe the patient closely for one week, and then if necessary, begin to increase the dosage of MADOPAR until a satisfactory improvement is obtained (the dosage schedule is identical with that for patients not previously treated with levodopa); this dosage increase can be commenced earlier if there is a deterioration in the patient's clinical condition.

- (e) General remarks

In the rare cases in which intolerable side effects occur during the initial phase of treatment, incrementation of the dosage is stopped, or dosage is reduced. Withdrawal of the drug is seldom necessary. Once the side effects disappear or become tolerable, the daily dosage is

again increased but more slowly, e.g. by 1 capsule, tablet MADOPAR 125 or 125mg dispersible tablet every two or three weeks.

The interval between dosage increases is longer when the average dosage (6 capsules, tablets MADOPAR 125 or 125mg dispersible tablets) has been exceeded, because a long period of time may elapse before the full effect of the product is observed.

The capsules must always be swallowed whole. They must never be opened or dissolved in fluid.

Like all replacement therapy, treatment with MADOPAR is permanent. Therapy with MADOPAR should be continued for at least six months before it is presumed to be ineffective.

The above dosage recommendations are based on the capsule dosage forms. However, the same doses may be achieved using the tablets which are cross-scored to facilitate titration of the dose to suit the patient's individual requirements.

NOTE:

Tablets which break incorrectly (i.e. away from the score line) should be discarded.

OVERDOSAGE

Symptoms and Signs

Symptoms and signs of overdose are qualitatively similar to the side effects of MADOPAR in therapeutic doses but may be of greater severity. Overdose may lead to: cardiovascular side effects (e.g. cardiac arrhythmias), psychiatric disturbances (e.g. confusion and insomnia), gastro-intestinal effects (e.g. nausea and vomiting) and abnormal involuntary movements.

If a patient has taken an overdose of a controlled release form of MADOPAR (e.g. MADOPAR HBS capsules), occurrence of symptoms and signs may be delayed due to delayed absorption of the active substances from the stomach.

Treatment

Monitor the patient's vital signs and institute supportive measures as indicated by the patient's clinical state. In particular, patients may require symptomatic treatment for cardiovascular effects (e.g. antiarrhythmics) or central nervous system effects (e.g. respiratory stimulants, neuroleptics).

In addition, for the controlled release formulations further absorption should be prevented using an appropriate method.

Contact the Poisons Information Centre for advice on management of overdose.

PRESENTATION AND STORAGE CONDITIONS

Presentation	Active Ingredients	Description	Pack Size	Storage Conditions
62.5 capsules	50 mg levodopa and 12.5 mg benserazide	Light grey opaque body with powder blue opaque cap, imprinted with 'ROCHE' on both ends	Bottle containing 100 capsules	Store below 25°C. Keep the bottle tightly closed.
125 capsules	100 mg levodopa and 25 mg benserazide	Flesh coloured opaque body and powder blue opaque cap, imprinted with 'ROCHE' on both ends	Bottle containing 100 capsules	Store below 30°C. Keep the bottle tightly closed.
250 capsules	200 mg levodopa and 50 mg benserazide	Caramel coloured opaque body and powder-blue opaque cap, imprinted with 'ROCHE' on both ends	Bottle containing 100 capsules	Store below 30°C. Keep the bottle tightly closed.
HBS 125 capsules	100 mg levodopa and 25 mg benserazide	Light blue opaque body and dark green opaque cap imprinted with 'ROCHE' in red ink on both ends	Bottle containing 100 prolonged release capsules	Store below 30°C. Keep the bottle tightly closed.
125 tablets	100 mg levodopa and 25 mg benserazide	Cylindrical, biconvex, pale red, cross-scored on upper and lower faces	Bottle containing 100 tablets	Store below 30°C. Keep the bottle tightly closed.
250 tablets	200 mg levodopa and 50 mg benserazide	Cylindrical pale red tablet with bevelled edges, cross-scored break-bars on both faces marked "RO" "C", "HE" and imprinted hexagon in the 4 quadrants	Bottle containing 100 tablets	Store below 25°C. Keep the bottle tightly closed.
Rapid 62.5 tablets	50 mg levodopa and 12.5 mg benserazide	Off-white, cylindrical, bi-planar tablet with bevelled edges, imprinted with 'ROCHE 62.5' on one side and a break-bar on the other	Bottle containing 100 dispersible tablets	Store below 25°C. Protect from moisture.
Rapid 125 tablets	100 mg levodopa and 25 mg benserazide	Off-white, cylindrical, bi-planar tablet with bevelled edges, imprinted with 'ROCHE 125' on one side and a break-bar on the other	Bottle containing 100 dispersible tablets	Store below 25°C. Protect from moisture.

NAME AND ADDRESS OF THE SPONSOR



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POISON SCHEDULE OF THE MEDICINE

Prescription Only Medicine – S4

TGA Approval Date: 15 July 2010