1 MICARDIS[®] (telmisartan) Tablets, 40 mg and 80 mg

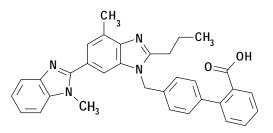
2 USE IN PREGNANCY

When used in pregnancy during the second and third trimesters, drugs that act
directly on the renin-angiotensin system can cause injury and even death to the
developing fetus. When pregnancy is detected, MICARDIS® tablets should be
discontinued as soon as possible. See WARNINGS: Fetal/Neonatal Morbidity and
Mortality

8

9 **DESCRIPTION**

- 10 MICARDIS® (telmisartan) is a nonpeptide angiotensin II receptor (type AT₁) antagonist.
- 11 Telmisartan is chemically described as 4'-[(1,4'-dimethyl-2'-propyl[2,6'-bi-1H-
- 12 benzimidazol]-1'-yl)methyl]-[1,1'-biphenyl]-2-carboxylic acid. Its empirical formula is
- 13 C33H30N4O2, its molecular weight is 514.63, and its structural formula is:



14 15

16 Telmisartan is a white to off-white, odorless crystalline powder. It is practically insoluble 17 in water and in the pH range of 3 to 9, sparingly soluble in strong acid (except insoluble in 18 hydrochloric acid), and soluble in strong base.

- 19 MICARDIS® is available as tablets for oral administration, containing either 40 mg or
- 20 80 mg of telmisartan. The tablets contain the following inactive ingredients: sodium
- 21 hydroxide, meglumine, povidone, sorbitol, and magnesium stearate. MICARDIS® tablets

22 are hygroscopic and require protection from moisture.

23 CLINICAL PHARMACOLOGY

24 Mechanism of Action

25 Angiotensin II is formed from angiotensin I in a reaction catalyzed by angiotensin-

26 converting enzyme (ACE, kininase II). Angiotensin II is the principal pressor agent of the

27 renin-angiotensin system, with effects that include vasoconstriction, stimulation of

synthesis and release of aldosterone, cardiac stimulation, and renal reabsorption of sodium.

29 Telmisartan blocks the vasoconstrictor and aldosterone-secreting effects of angiotensin II

30 by selectively blocking the binding of angiotensin II to the AT₁ receptor in many tissues,

31 such as vascular smooth muscle and the adrenal gland. Its action is therefore independent

32 of the pathways for angiotensin II synthesis.

33 There is also an AT_2 receptor found in many tissues, but AT_2 is not known to be

34 associated with cardiovascular homeostasis. Telmisartan has much greater affinity

(>3,000 fold) for the AT₁ receptor than for the AT₂ receptor.

Blockade of the renin-angiotensin system with ACE inhibitors, which inhibit the biosynthesis of angiotensin II from angiotensin I, is widely used in the treatment of hypertension. ACE inhibitors also inhibit the degradation of bradykinin, a reaction also catalyzed by ACE. Because telmisartan does not inhibit ACE (kininase II), it does not affect the response to bradykinin. Whether this difference has clinical relevance is not yet known. Telmisartan does not bind to or block other hormone receptors or ion channels known to be important in cardiovascular regulation.

Blockade of the angiotensin II receptor inhibits the negative regulatory feedback of
angiotensin II on renin secretion, but the resulting increased plasma renin activity and
angiotensin II circulating levels do not overcome the effect of telmisartan on blood
pressure.

47 **Pharmacokinetics**

48 General

Following oral administration, peak concentrations (C_{max}) of telmisartan are reached in 49 0.5-1 hour after dosing. Food slightly reduces the bioavailability of telmisartan, with a 50 reduction in the area under the plasma concentration-time curve (AUC) of about 6% with 51 the 40 mg tablet and about 20% after a 160 mg dose The absolute bioavailability of 52 telmisartan is dose dependent. At 40 and 160 mg the bioavailability was 42% and 58%, 53 respectively. The pharmacokinetics of orally administered telmisartan are nonlinear over 54 55 the dose range 20-160 mg, with greater than proportional increases of plasma 56 concentrations (C_{max} and AUC) with increasing doses. Telmisartan shows bi-exponential 57 decay kinetics with a terminal elimination half life of approximately 24 hours. Trough plasma concentrations of telmisartan with once daily dosing are about 10-25% of peak 58 plasma concentrations. Telmisartan has an accumulation index in plasma of 1.5 to 2.0 59 upon repeated once daily dosing. 60

61 Metabolism and Elimination

Following either intravenous or oral administration of ¹⁴C-labeled telmisartan, most of the
administered dose (>97%) was eliminated unchanged in feces via biliary excretion; only
minute amounts were found in the urine (0.91% and 0.49% of total radioactivity,
respectively).

Telmisartan is metabolized by conjugation to form a pharmacologically inactive
acylglucuronide; the glucuronide of the parent compound is the only metabolite that has
been identified in human plasma and urine. After a single dose, the glucuronide represents
approximately 11% of the measured radioactivity in plasma. The cytochrome P450
isoenzymes are not involved in the metabolism of telmisartan.

71 Total plasma clearance of telmisartan is >800 mL/min. Terminal half-life and total

72 clearance appear to be independent of dose.

73 Distribution

- Telmisartan is highly bound to plasma proteins (>99.5%), mainly albumin and α_1 -acid
- 75 glycoprotein. Plasma protein binding is constant over the concentration range achieved

⁷⁶ with recommended doses. The volume of distribution for telmisartan is approximately

500 liters, indicating additional tissue binding.

78 Special Populations

- *Pediatric*: Telmisartan pharmacokinetics have not been investigated in patients <18 years
 of age.
- 81 *Geriatric*: The pharmacokinetics of telmisartan do not differ between the elderly and

those younger than 65 years (see DOSAGE AND ADMINISTRATION).

83 *Gender*: Plasma concentrations of telmisartan are generally 2-3 times higher in females

than in males. In clinical trials, however, no significant increases in blood pressure

response or in the incidence of orthostatic hypotension were found in women. No dosage
adjustment is necessary.

87 *Renal Insufficiency*: Renal excretion does not contribute to the clearance of telmisartan.

88 Based on modest experience in patients with mild-to-moderate renal impairment

89 (creatinine clearance of 30-80 mL/min, mean clearance approximately 50 mL/min), no

90 dosage adjustment is necessary in patients with decreased renal function. Telmisartan is

not removed from blood by hemofiltration (see PRECAUTIONS, and DOSAGE AND

92 ADMINISTRATION).

93 *Hepatic Insufficiency*: In patients with hepatic insufficiency, plasma concentrations of

telmisartan are increased, and absolute bioavailability approaches 100% (see

95 PRECAUTIONS, and DOSAGE AND ADMINISTRATION).

96 **Drug Interactions:** See PRECAUTIONS, Drug Interactions.

97 Pharmacodynamics

In normal volunteers, a dose of telmisartan 80 mg inhibited the pressor response to an

99 intravenous infusion of angiotensin II by about 90% at peak plasma concentrations with100 approximately 40% inhibition persisting for 24 hours.

Plasma concentration of angiotensin II and plasma renin activity (PRA) increased in a
dose-dependent manner after single administration of telmisartan to healthy subjects and
repeated administration to hypertensive patients. The once-daily administration of up to
80 mg telmisartan to healthy subjects did not influence plasma aldosterone concentrations.
In multiple dose studies with hypertensive patients, there were no clinically significant
changes in electrolytes (serum potassium or sodium), or in metabolic function (including
serum levels of cholesterol, triglycerides, HDL, LDL, glucose, or uric acid).

In 30 hypertensive patients with normal renal function treated for 8 weeks with telmisartan

109 80 mg or telmisartan 80 mg in combination with hydrochlorothiazide 12.5 mg, there were

no clinically significant changes from baseline in renal blood flow, glomerular filtration

111 rate, filtration fraction, renovascular resistance, or creatinine clearance.

112 Clinical Trials

113 The antihypertensive effects of MICARDIS® (telmisartan) have been demonstrated in six principal placebo-controlled clinical trials, studying a range of 20-160 mg; one of these 114 examined the antihypertensive effects of telmisartan and hydrochlorothiazide in 115 combination. The studies involved a total of 1773 patients with mild to moderate 116 hypertension (diastolic blood pressure of 95-114 mmHg), 1031 of whom were treated 117 with telmisartan. Following once daily administration of telmisartan, the magnitude of 118 blood pressure reduction from baseline after placebo subtraction was approximately 119 (SBP/DBP) 6-8 / 6 mmHg for 20 mg, 9-13 / 6-8 mmHg for 40 mg, and 12-13 / 7-8 mmHg 120 for 80 mg. Larger doses (up to 160 mg) did not appear to cause a further decrease in 121 122 blood pressure.

123 Upon initiation of antihypertensive treatment with telmisartan, blood pressure was reduced

after the first dose, with a maximal reduction by about 4 weeks. With cessation of

125 treatment with MICARDIS® tablets, blood pressure gradually returned to baseline values

126 over a period of several days to one week. During long term studies (without placebo

127 control) the effect of telmisartan appeared to be maintained for up to at least one year.

128 The antihypertensive effect of telmisartan is not influenced by patient age, gender, weight

129 or body mass index. Blood pressure response in black patients (usually a low-renin

130 population) is noticeably less than that in Caucasian patients. This has been true for most,

but not all, angiotensin II antagonists and ACE inhibitors.

132 In a controlled study, the addition of telmisartan to hydrochlorothiazide produced an

additional dose-related reduction in blood pressure that was similar in magnitude to the

reduction achieved with telmisartan monotherapy. Hydrochlorothiazide also had an added

135 blood pressure effect when added to telmisartan.

136 The onset of antihypertensive activity occurs within 3 hours after administration of a single

137 oral dose. At doses of 20, 40, and 80 mg, the antihypertensive effect of once daily

administration of telmisartan is maintained for the full 24-hour dose interval. With

automated ambulatory blood pressure monitoring and conventional blood pressure

140 measurements, the 24-hour trough-to-peak ratio for 40-80 mg doses of telmisartan was

141 70-100% for both systolic and diastolic blood pressure. The incidence of symptomatic

142 orthostasis after the first dose in all controlled trials was low (0.04%).

There were no changes in the heart rate of patients treated with telmisartan in controlledtrials.

145 INDICATIONS AND USAGE

MICARDIS® (telmisartan) is indicated for the treatment of hypertension. It may be usedalone or in combination with other antihypertensive agents.

148 CONTRAINDICATIONS

MICARDIS® is contraindicated in patients who are hypersensitive to any component ofthis product.

151 WARNINGS

152 Fetal/Neonatal Morbidity and Mortality

Drugs that act directly on the renin-angiotensin system can cause fetal and neonatal morbidity and death when administered to pregnant women. Several dozen cases have been reported in the world literature in patients who were taking angiotensin converting enzyme inhibitors. When pregnancy is detected, MICARDIS® tablets should be discontinued as soon as possible.

The use of drugs that act directly on the renin-angiotensin system during the second and 158 third trimesters of pregnancy has been associated with fetal and neonatal injury, including 159 160 hypotension, neonatal skull hypoplasia, anuria, reversible or irreversible renal failure, and 161 death. Oligohydramnios has also been reported, presumably resulting from decreased fetal 162 renal function; oligohydramnios in this setting has been associated with fetal limb 163 contractures, craniofacial deformation, and hypoplastic lung development. Prematurity, 164 intrauterine growth retardation, and patent ductus arteriosus have also been reported, although it is not clear whether these occurrences were due to exposure to the drug. 165 These adverse effects do not appear to have resulted from intrauterine drug exposure that 166 has been limited to the first trimester. Mothers whose embryos and fetuses are exposed to 167 an angiotensin II receptor antagonist only during the first trimester should be so informed. 168 Nonetheless, when patients become pregnant, physicians should have the patient 169

170 discontinue the use of MICARDIS® tablets as soon as possible.

Rarely (probably less often than once in every thousand pregnancies), no alternative to an
angiotensin II receptor antagonist will be found. In these rare cases, the mothers should
be apprised of the potential hazards to their fetuses, and serial ultrasound examinations
should be performed to assess the intra-amniotic environment.

If oligohydramnios is observed, MICARDIS® tablets should be discontinued unless they
are considered life-saving for the mother. Contraction stress testing (CST), a non-stress

test (NTS), or biophysical profiling (BPP) may be appropriate, depending upon the week

of pregnancy. Patients and physicians should be aware, however, that oligohydramnios
may not appear until after the fetus has sustained irreversible injury.

180 Infants with histories of *in utero* exposure to an angiotensin II receptor antagonist should

181 be closely observed for hypotension, oliguria, and hyperkalemia. If oliguria occurs,

182 attention should be directed toward support of blood pressure and renal perfusion.

183 Exchange transfusion or dialysis may be required as a means of reversing hypotension

184 and/or substituting for disordered renal function.

185 There is no clinical experience with the use of MICARDIS® tablets in pregnant women.

186 No teratogenic effects were observed when telmisartan was administered to pregnant rats

187 at oral doses of up to 50 mg/kg/day and to pregnant rabbits at oral doses up to

188 45 mg/kg/day. In rabbits, embryolethality associated with maternal toxicity (reduced body

189 weight gain and food consumption) was observed at 45 mg/kg/day [about 6.4 times the

190 maximum recommended human dose (MRHD) of 80 mg on a mg/m^2 basis]. In rats,

191 maternally toxic (reduction in body weight gain and food consumption) telmisartan doses

192 of 15 mg/kg/day (about 1.9 times the MRHD on a mg/m² basis), administered during late

193 gestation and lactation, were observed to produce adverse effects in neonates, including

194 reduced viability, low birth weight, delayed maturation, and decreased weight gain.

195 Telmisartan has been shown to be present in rat fetuses during late gestation and in rat

196 milk. The no observed effect doses for developmental toxicity in rats and rabbits, 5 and 15

mg/kg/day, respectively, are about 0.64 and 3.7 times, on a mg/m^2 basis, the maximum

recommended human dose of telmisartan (80 mg/day).

199 Hypotension in Volume-Depleted Patients

200 In patients with an activated renin-angiotensin system, such as volume- and/or salt-

201 depleted patients (e.g., those being treated with high doses of diuretics), symptomatic

202 hypotension may occur after initiation of therapy with MICARDIS® tablets. This

203 condition should be corrected prior to administration of MICARDIS® tablets, or

treatment should either start under close medical supervision or with a reduced dose of an

AII antagonist (this may require use of a drug other than MICARDIS® as it is not

206 possible to give less than 40 mg at present).

207 If hypotension does occur, the patient should be placed in the supine position and, if

208 necessary, given an intravenous infusion of normal saline. A transient hypotensive

209 response is not a contraindication to further treatment, which usually can be continued

210 without difficulty once the blood pressure has stabilized.

211 **PRECAUTIONS**

212 General

Impaired Hepatic Function: As the majority of telmisartan is eliminated by biliary excretion, patients with biliary obstructive disorders or hepatic insufficiency can be expected to have reduced clearance. MICARDIS® tablets should be used with caution in these patients, but there is no way to reduce the dose below 40 mg; an alternative treatment can be considered.

Impaired Renal Function: As a consequence of inhibiting the renin-angiotensin-218 aldosterone system, changes in renal function may be anticipated in susceptible individuals. 219 In patients whose renal function may depend on the activity of the renin-angiotensin-220 aldosterone system (e.g., patients with severe congestive heart failure), treatment with 221 222 angiotensin-converting enzyme inhibitors and angiotensin receptor antagonists has been 223 associated with oliguria and/or progressive azotemia and (rarely) with acute renal failure and/or death. Similar results may be anticipated in patients treated with MICARDIS® 224 tablets. 225

226 In studies of ACE inhibitors in patients with unilateral or bilateral renal artery stenosis,

227 increases in serum creatinine or blood urea nitrogen were observed. There has been no

228 long term use of MICARDIS® tablets in patients with unilateral or bilateral renal artery

stenosis but an effect similar to that seen with ACE inhibitors should be anticipated.

230 Information for Patients

Pregnancy:: Female patients of childbearing age should be told about the consequences of
second- and third-trimester exposure to drugs that act on the renin-angiotensin system,
and they should also be told that these consequences do not appear to have resulted from
intrauterine drug exposure that has been limited to the first trimester. These patients
should be asked to report pregnancies to their physicians as soon as possible.

236 Drug Interactions

Digoxin: When telmisartan was coadministered with digoxin, median increases in digoxin
peak plasma concentration (49%) and in trough concentration (20%) were observed. It is,
therefore, recommended that digoxin levels be monitored when initiating, adjusting, and
discontinuing telmisartan to avoid possible over- or under- digitalization.

Warfarin: Telmisartan administered for 10 days slightly decreased the mean warfarin
trough plasma concentration; this decrease did not result in a change in International
Normalized Ratio (INR).

Other Drugs: Coadministration of telmisartan did not result in a clinically significant
interaction with acetaminophen, amlodipine, glibenclamide, hydrochlorothiazide or
ibuprofen. Telmisartan is not metabolized by the cytochrome P450 system and had no
effects *in vitro* on cytochrome P450 enzymes, except for some inhibition of CYP2C19.
Telmisartan is not expected to interact with drugs that inhibit cytochrome P450 enzymes;
it is also not expected to interact with drugs metabolized by cytochrome P450 enzymes,
except for possible inhibition of the metabolism of drugs metabolized by CYP2C19.

251 Carcinogenesis, Mutagenesis, Impairment of Fertility:

252 There was no evidence of carcinogenicity when telmisartan was administered in the diet to

mice and rats for up to 2 years. The highest doses administered to mice (1000 mg/kg/day)

and rats (100 mg/kg/day) are, on a mg/m² basis, about 59 and 13 times, respectively, the

255 maximum recommended human dose (MRHD) of telmisartan. These same doses have

- been shown to provide average systemic exposures to telmisartan >100 times and >25
- times, respectively, the systemic exposure in humans receiving the MRHD (80 mg/day).
- 258 Genotoxicity assays did not reveal any telmisartan-related effects at either the gene or
- chromosome level. These assays included bacterial mutagenicity tests with Salmonella and
- *E coli* (Ames), a gene mutation test with Chinese hamster V79 cells, a cytogenetic test
- with human lymphocytes, and a mouse micronucleus test.
- 262 No drug-related effects on the reproductive performance of male and female rats were
- noted at 100 mg/kg/day (the highest dose administered), about 13 times, on a mg/m² basis,
- the MRHD of telmisartan. This dose in the rat resulted in an average systemic exposure
- 265 (telmisartan AUC as determined on day 6 of pregnancy) at least 50 times the average
- systemic exposure in humans at the MRHD (80 mg/day).

267 Pregnancy

- 268 Pregnancy Categories C (first trimester) and D (second and third trimesters). See
- 269 WARNINGS: Fetal/Neonatal Morbidity and Mortality.

270 Nursing Mothers

- 271 It is not known whether telmisartan is excreted in human milk, but telmisartan was shown
- to be present in the milk of lactating rats. Because of the potential for adverse effects on
- the nursing infant, a decision should be made whether to discontinue nursing or
- discontinue the drug, taking into account the importance of the drug to the mother.

275 **Pediatric Use**

276 Safety and effectiveness in pediatric patients have not been established.

277 Geriatric Use

- 278 Of the total number of patients receiving MICARDIS® in clinical studies, 551 (18.6%)
- were 65 to 74 years of age and 130 (4.4%) were 75 years or older. No overall differences

in effectiveness and safety were observed in these patients compared to younger patients

and other reported clinical experience has not identified differences in responses between

the elderly and younger patients, but greater sensitivity of some older individuals cannot

be ruled out.

284 ADVERSE REACTIONS

285 MICARDIS® has been evaluated for safety in more than 3700 patients, including 1900

treated for over six months and more than 1300 for over one year. Adverse experiences

have generally been mild and transient in nature and have only infrequently required

288 discontinuation of therapy.

In placebo-controlled trials involving 1041 patients treated with various doses of

telmisartan (20-160 mg) monotherapy for up to 12 weeks, an overall incidence of adverse

291 events similar to that of placebo was observed.

Adverse events occurring at an incidence of 1% or more in patients treated with

telmisartan and at a greater rate than in patients treated with placebo, irrespective of their

causal association, are presented in the following table.

	Telmisartan	Placebo
	<i>n</i> = 1455	<i>n</i> = 380
	%	%
Upper respiratory tract infection	7	6
Back pain	3	1
Sinusitis	3	2
Diarrhea	3	2
Pharyngitis	1	0

295

In addition to the adverse events in the table, the following events occurred at a rate of

1% but were at least as frequent in the placebo group: influenza-like symptoms,

298 dyspepsia, myalgia, urinary tract infection, abdominal pain, headache, dizziness, pain,

fatigue, coughing, hypertension, chest pain, nausea and peripheral edema. Discontinuation

300 of therapy due to adverse events was required in 2.8% of 1455 patients treated with

MICARDIS® tablets and 6.1% of 380 placebo patients in placebo-controlled clinical
 trials.

303 The incidence of adverse events was not dose-related and did not correlate with gender,

age, or race of patients.

The incidence of cough occurring with telmisartan in six placebo-controlled trials was identical to that noted for placebo-treated patients (1.6%).

In addition to those listed above, adverse events that occurred in more than 0.3% of 3500

308 patients treated with MICARDIS® monotherapy in controlled or open trials are listed

309 below. It cannot be determined whether these events were causally related to

310 MICARDIS® tablets:

311 Autonomic Nervous System: impotence, increased sweating, flushing; Body as a Whole:

allergy, fever, leg pain, malaise; *Cardiovascular*: palpitation, dependent edema, angina

313 pectoris, tachycardia, leg edema, abnormal ECG; CNS: insomnia, somnolence, migraine,

314 vertigo, paresthesia, involuntary muscle contractions, hypoaesthesia; *Gastrointestinal*:

flatulence, constipation, gastritis, vomiting, dry mouth, hemorrhoids, gastroenteritis,

316 enteritis, gastroesophageal reflux, toothache, non-specific gastrointestinal disorders;

317 Metabolic: gout, hypercholesterolemia, diabetes mellitus; Musculoskeletal: arthritis,

318 arthralgia, leg cramps; *Psychiatric*: anxiety, depression, nervousness; *Resistance*

319 Mechanism: infection, fungal infection, abscess, otitis media; Respiratory: asthma,

bronchitis, rhinitis, dyspnea, epistaxis; *Skin*: dermatitis, rash, eczema, pruritus; *Urinary*:

321 micturition frequency, cystitis; *Vascular*: cerebrovascular disorder; and *Special Senses*:

322 abnormal vision, conjunctivitis, tinnitus, earache.

A single case of angioedema was reported (among a total of 3781 patients treated with telmisartan).

325 Clinical Laboratory Findings

326 In placebo-controlled clinical trials, clinically relevant changes in standard laboratory test

327 parameters were rarely associated with administration of MICARDIS® tablets.

328 *Hemoglobin*: A greater than 2 g/dL decrease in hemoglobin was observed in 0.8%

telmisartan patients compared with 0.3% placebo patients. No patients discontinued

therapy due to anemia.

331 *Creatinine*: A 0.5 mg/dL rise or greater in creatinine was observed in 0.4% telmisartan

332 patients compared with 0.3% placebo patients. One telmisartan-treated patient

discontinued therapy due to increases in creatinine and blood urea nitrogen.

334 *Liver enzymes*: Occasional elevations of liver chemistries occurred in patients treated with

telmisartan; all marked elevations occurred at a higher frequency with placebo. No

telmisartan-treated patients discontinued therapy due to abnormal hepatic function.

337 **OVERDOSAGE**

Limited data are available with regard to overdosage in humans. The most likely

339 manifestation of overdosage with MICARDIS® tablets would be hypotension, dizziness

and tachycardia; bradycardia could occur from parasympathetic (vagal) stimulation. If

341 symptomatic hypotension should occur, supportive treatment should be instituted.

342 Telmisartan is not removed by hemodialysis.

343 DOSAGE AND ADMINISTRATION

344 Dosage must be individualized. The usual starting dose of MICARDIS® tablets is 40 mg

once a day. Blood pressure response is dose related over the range of 20 - 80 mg (see

346 CLINICAL PHARMACOLOGY: Clinical Trials).

347 Special Populations: Patients with depletion of intravascular volume should have the

348 condition corrected or MICARDIS® tablets should be initiated under close medical

349 supervision (See WARNINGS: Hypotension in Volume-Depleted Patients).

350 Patients with biliary obstructive disorders or hepatic insufficiency should have treatment

- started under close medical supervision (See PRECAUTIONS: General, *Impaired Hepatic Function*, and *Impaired Renal Function*).
- 353 Most of the antihypertensive effect is apparent within two weeks and maximal reduction is

354 generally attained after four weeks. When additional blood pressure reduction beyond

that achieved with 80 mg MICARDIS® is required, a diuretic may be added.

- 356 No initial dosing adjustment is necessary for elderly patients or patients with mild-to-
- 357 moderate renal impairment. Patients on dialysis may develop orthostatic hypotension;
- their blood pressure should be closely monitored.
- 359 MICARDIS® tablets may be administered with other antihypertensive agents.
- 360 MICARDIS® tablets may be administered with or without food.

361 HOW SUPPLIED

- 362 MICARDIS® is available as white, oblong-shaped, uncoated tablets containing
- telmisartan 40 mg or 80 mg. Tablets are marked with the BOEHRINGER INGELHEIM

logo on one side, and on the other side, with a decorative score and either 51H or 52H for

- the 40 mg and 80 mg strengths, respectively. Tablets are provided as follows:
- MICARDIS® (telmisartan) tablets 40 mg are individually blister-sealed in cartons of 28
 tablets as 4 x 7 cards (NDC 0597-0040-28).
- MICARDIS® (telmisartan) tablets 80 mg are individually blister-sealed in cartons of 28
 tablets as 4 x 7 cards (NDC 0597-0041-28).

370 Storage

- 371 Store at 25°C (77°F); excursions permitted to 15-30°C (59-86°F) (see USP Controlled
- 372 Room Temperature). Tablets should not be removed from blisters until immediately
- 373 before administration.

Manufactured by:	Boehringer Ingelheim Pharma KG, Ingelheim, Germany
Distributed by:	Boehringer Ingelheim Pharmaceuticals, Inc., Ridgefield, CT
Licensed from:	Boehringer Ingelheim International GmbH, Ingelheim, Germany

374

375 **Rx only**