

PRODUCT NAME :	SACUBITRIL AND VALSARTAN TABLETS	COUNTRY : US	LOCATION : Dahej	Supersedes A/W No.:	
ITEM / PACK :	Outsert	NO. OF COLORS: 1	REMARK :		V. No. : 01
DESIGN STYLE :	Front Side	PANTONE SHADE NOS.:	SUBSTRATE : 40 g/m2 Bible Paper		
CODE :	8075231	Black	Activities Department	Name	Signature
DIMENSIONS (MM) :	560 x 410		Prepared By	Pkg. Dev.	Date
ART WORK SIZE :	S/S		Reviewed By	Pkg. Dev.	
DATE :	25-10-2024	Font Size 6 pt_Med. 10 pt	Approved By	Quality	

Note: Pharma code/ Bar code and adjacent text must be visible on folded leaflet. These details can be moved by printed to arrange pharma code/ Bar code and adjacent text visible on folded leaflet.



HIGHLIGHTS OF PRESCRIBING INFORMATION
These highlights do not include all the information needed to use SACUBITRIL AND VALSARTAN TABLETS safely and effectively. See full prescribing information for SACUBITRIL AND VALSARTAN TABLETS.

SACUBITRIL AND VALSARTAN tablets, for oral use
Initial U.S. Approval: 2015

WARNING: FETAL TOXICITY
See full prescribing information for complete boxed warning.

- When pregnancy is detected, discontinue sacubitril and valsartan tablets as soon as possible (5.1)
- Drugs that act directly on the renin-angiotensin system can cause injury and death to the developing fetus. (5.1)

INDICATIONS AND USAGE

Sacubitril and valsartan tablets are a combination of sacubitril, a neprilysin inhibitor, and valsartan, an angiotensin II receptor blocker, and is indicated:

- to reduce the risk of cardiovascular death and hospitalization for heart failure in adult patients with chronic heart failure. Benefits are most clearly evident in patients with left ventricular ejection fraction (LVEF) below normal. (1.1)
- for the treatment of symptomatic heart failure with systemic left ventricular systolic dysfunction in pediatric patients aged one year and older. Sacubitril and valsartan tablets reduces NT-proBNP and is expected to improve cardiovascular outcomes. (1.2)

DOSE AND ADMINISTRATION

- The recommended starting dosage for adults is 49 mg/51 mg orally twice daily. The target maintenance dose is 97 mg/103mg orally twice daily. (2.2)
- Adjust adult doses every 2 to 4 weeks to the target maintenance dose, as tolerated by the patient. (2.2)
- For pediatric patients, see the Full Prescribing Information for recommended dosage, titrations, preparation and administration instructions. (2.3, 2.4)
- Reduce starting dose to half the usually recommended starting dose for:
 - patients not currently taking an angiotensin-converting enzyme (ACE) inhibitor or angiotensin II receptor blocker (ARB) or previously taking a low dose of these agents. (2.6)
 - patients with severe renal impairment. (2.7)
 - patients with moderate hepatic impairment. (2.8)

TO REPORT SUSPECTED ADVERSE REACTIONS, contact
Torrent Pharma Inc., at 1-800-912-9061 or FDA at
1-800-FDA-1088 or www.fda.gov/medwatch.

- DRUG INTERACTIONS**
 - Avoid concomitant use with alkalisers in patients with estimated glomerular filtration rate (eGFR) less than 60. (7.1)
 - Potassium-sparing diuretics: May lead to increased serum potassium. (7.2)
 - Nonsteroidal Anti-inflammatory Drugs (NSAIDs): May lead to increased risk of renal impairment. (7.3)
 - Lithium: Increased risk of lithium toxicity. (7.4)
- USE IN SPECIFIC POPULATIONS**
 - Lactation: Breastfeeding not recommended. (8.2)
 - Severe Hepatic Impairment: Use not recommended. (2.8, 8.5)

SEE 17 FOR PATIENT COUNSELING INFORMATION AND FDA-APPROVED patient labeling.
Revised: 7/2024

FULL PRESCRIBING INFORMATION: CONTENTS*

WARNING: FETAL TOXICITY
INDICATIONS AND USAGE

- Adult Heart Failure
- Pediatric Heart Failure

DOSE AND ADMINISTRATION

- General Considerations
- Adult Heart Failure
- Pediatric Heart Failure
- Preparation of Oral Suspension Using Tablets
- Dose Adjustment for Patients Not Taking an ACE Inhibitor or ARB or Previously Taking Low Doses of These Agents
- Dose Adjustment for Severe Renal Impairment
- Dose Adjustment for Hepatic Impairment

DOSE FORMS AND STRENGTHS
CONTRAINDICATIONS
WARNINGS AND PRECAUTIONS

- Fetal Toxicity
- Angioedema
- Hypotension
- Impaired Renal Function
- Hyperkalemia

ADVERSE REACTIONS

- Clinical Trials Experience
- Potassium-Sparing Diuretics
- Nonsteroidal Anti-inflammatory Drugs (NSAIDs) Including Selective Cyclooxygenase-2 Inhibitors (COX-2 Inhibitors)
- Lithium

DRUG INTERACTIONS

- Dual Blockade of the Renin-Angiotensin-Aldosterone System
- Potassium-Sparing Diuretics
- Nonsteroidal Anti-inflammatory Drugs (NSAIDs) Including Selective Cyclooxygenase-2 Inhibitors (COX-2 Inhibitors)
- Lithium

FULL PRESCRIBING INFORMATION
WARNING: FETAL TOXICITY

- When pregnancy is detected, discontinue sacubitril and valsartan tablets as soon as possible (5.1)
- Drugs that act directly on the renin-angiotensin system can cause injury and death to the developing fetus (5.1)

INDICATIONS AND USAGE

1. Adult Heart Failure
Sacubitril and valsartan tablets are indicated to reduce the risk of cardiovascular death and hospitalization for heart failure in adult patients with chronic heart failure. Benefits are most clearly evident in patients with left ventricular ejection fraction (LVEF) below normal.

LVEF is a variable measure, so use clinical judgment in deciding when to treat [see Clinical Studies (14.1)].

1.2. Pediatric Heart Failure
Sacubitril and valsartan tablets are indicated for the treatment of symptomatic heart failure with systemic left ventricular systolic dysfunction in pediatric patients aged one year and older. Sacubitril and valsartan tablets reduces NT-proBNP and is expected to improve cardiovascular outcomes.

2. DOSE AND ADMINISTRATION

2.1. General Considerations
Sacubitril and valsartan tablets are contraindicated with concomitant use of an angiotensin-converting enzyme (ACE) inhibitor. If switching from an ACE inhibitor to sacubitril and valsartan tablets allow a washout period of 36 hours between administration of the two drugs [see Contraindications (4) and Drug Interactions (7.1)].

2.2. Adult Heart Failure
The recommended starting dose of sacubitril and valsartan tablet is 49/51 mg orally twice daily.

Double the dose of sacubitril and valsartan tablets after 2 to 4 weeks to the target maintenance dose of 97/103 mg twice daily, as tolerated by the patient.

2.3. Pediatric Heart Failure
For the recommended dosage for pediatric patients aged 1 year and older, refer to Table 1 if using the tablets. Take the recommended dose orally twice daily. Adjust pediatric patient doses every 2 weeks, as tolerated by the patient.

Table 1: Recommended Dose and Titration for Pediatric Patients Using Tablets

Weight (kg)	Titration Step Dose (twice daily)			Final
	Starting	Second	Third	
Less than 40 ^a	1.6 mg/kg	2.3 mg/kg	3.1 mg/kg	3.1 mg/kg
At least 40 kg, less than 50 kg	24 mg/26 mg	49 mg/51 mg	72 mg/78 mg ^b	97 mg/103 mg ^c
At least 50 kg	49 mg/51 mg	72 mg/78 mg ^b	97 mg/103 mg ^c	

^a Use of the oral suspension is recommended in these patients. Recommended mg/kg doses are of the combined amount of both sacubitril and valsartan [see Dosage and Administration (2.4)].

^b Doses of 72 mg/78 mg can be achieved using three 24 mg/26 mg tablets [see Dosage Forms and Strengths (3)].

2.4. Preparation of Oral Suspension Using Tablets
Sacubitril and valsartan oral suspension can be substituted at the recommended tablet dosage in patients unable to swallow tablets.

Sacubitril and valsartan 800 mg/200 mg oral suspension can be prepared in a concentration of 4 mg/mL (sacubitril/valsartan 1:502/204 mg/mL). Use sacubitril and valsartan 49/51 mg tablets in the preparation of the suspension.

To make an 800 mg/200 mg (4 mg/mL) oral suspension, transfer eight tablets of sacubitril and valsartan 49/51 mg film-coated tablets into a mortar. Crush the tablets into a fine powder using a pestle. Add 160 mL of Ora-Plus[®] into the mortar and triturate gently with pestle for 10 minutes, to form a uniform suspension. Add 40 mL of Ora-Sweet[®] SF into mortar and triturate with pestle for another 10 minutes, to form a uniform suspension. Transfer the entire contents from the mortar into a clean 200 mL amber colored PEI or glass bottle. Place a press-in bottle adapter and close the bottle with a child resistant cap.

The oral suspension can be stored for up to 15 days. Do not store above 25°C (77°F) and do not refrigerate. Shake before each use.

^cOra-Sweet SF[®] and Ora-Plus[®] are registered trademarks of Paddock Laboratories, Inc.

2.6. Dose Adjustment for Patients Not Taking an ACE Inhibitor or ARB or Previously Taking Low Doses of These Agents
In patients not currently taking an ACE inhibitor or an angiotensin II receptor blocker (ARB) and for patients previously taking low doses of these agents, start sacubitril and valsartan tablets at half the usually recommended starting dose. After initiation, increase the dose every 2 to 4 weeks in adults and every 2 weeks in pediatric patients to follow the recommended dose escalation thereafter [see Dosage and Administration (2.2, 2.3)].

Note: Initiate pediatric patients weighing 40 to 50 kg who meet this criterion at 0.8 mg/kg twice daily using the oral suspension or oral pellets [see Dosage and Administration (2.3, 2.4)].

2.7. Dose Adjustment for Severe Renal Impairment

In adults and pediatric patients with severe renal impairment estimated glomerular filtration rate (eGFR less than 30 mL/min/1.73 m²), start sacubitril and valsartan tablets at half the usually recommended starting dose. After initiation, increase the dose to follow the recommended dose escalation thereafter [see Dosage and Administration (2.2, 2.3)].

Note: Initiate pediatric patients weighing 40 to 50 kg who meet this criterion at 0.8 mg/kg twice daily using the oral suspension or oral pellets [see Dosage and Administration (2.3, 2.4)].

2.8. Dose Adjustment for Hepatic Impairment
In adults and pediatric patients with moderate hepatic impairment (Child-Pugh B classification), start sacubitril and valsartan tablets at half the usually recommended starting dose. After initiation, increase the dose to follow the recommended dose escalation thereafter [see Dosage and Administration (2.2, 2.3)].

Note: Initiate pediatric patients weighing 40 to 50 kg who meet this criterion at 0.8 mg/kg twice daily using the oral suspension or oral pellets [see Dosage and Administration (2.3, 2.4)].

No starting dose adjustment is needed for mild or moderate renal impairment.

2.9. Dose Adjustment for Hepatic Impairment
In adults and pediatric patients with moderate hepatic impairment (Child-Pugh B classification), start sacubitril and valsartan tablets at half the usually recommended starting dose. After initiation, increase the dose to follow the recommended dose escalation thereafter [see Dosage and Administration (2.2, 2.3)].

Note: Initiate pediatric patients weighing 40 to 50 kg who meet this criterion at 0.8 mg/kg twice daily using the oral suspension or oral pellets [see Dosage and Administration (2.3, 2.4)].

No starting dose adjustment is needed for mild hepatic impairment.

Use in patients with severe hepatic impairment is not recommended.

3. DOSE FORMS AND STRENGTHS
Sacubitril and valsartan film-coated tablets are supplied as uncoated, round shaped (24/26 mg) and oval shaped (49/51 mg and 97/103 mg) tablets in following strengths:

Sacubitril and Valsartan Tablets 24/26 mg, (sacubitril 24 mg and valsartan 26 mg) are violet white colored, round shaped, biconvex, film coated tablet with beveled edges, uncoated, debossed with "U4" on one side and plain on the other side.

Sacubitril and Valsartan Tablets 49/51 mg, (sacubitril 49 mg and valsartan 51 mg) are pale yellow colored, oval shaped, biconvex, film coated tablet with beveled edges, uncoated, debossed with "U5" on one side and plain on the other side.

Sacubitril and Valsartan Tablets 97/103 mg, (sacubitril 97 mg and valsartan 103 mg) are light pink colored, oval shaped, biconvex, film coated tablet with beveled edges, uncoated, debossed with "U7" on one side and plain on other side.

4. CONTRAINDICATIONS
Sacubitril and valsartan tablets are contraindicated:

- in patients with hypersensitivity to any component
- in patients with a history of angioedema related to previous ACE inhibitor or ARB therapy [see Warnings and Precautions (5.2)]
- with concomitant use of ACE inhibitors. Do not administer within 36 hours of switching from an to an ACE inhibitor [see Drug Interactions (7.1)].
- with concomitant use of alkalisers in patients with diabetes [see Drug Interactions (7.1)].

5. WARNINGS AND PRECAUTIONS

5.1. Fetal Toxicity
Sacubitril and valsartan can cause fetal harm when administered to a pregnant woman. Use of drugs that act on the renin-angiotensin system during the second and third trimesters of pregnancy reduces fetal renal function and increases fetal and neonatal morbidity and death. When pregnancy is detected, consider alternative drug treatment and discontinue sacubitril and valsartan tablets.

However, if there is no appropriate alternative to therapy with drugs affecting the renin-angiotensin system, and if the drug is considered lifesaving for the mother, advise a pregnant woman of the potential risk to the fetus [see Use in Specific Populations (8.1)].

5.2. Angioedema
Sacubitril and valsartan may cause angioedema [see Adverse Reactions (6.1)]. If angioedema occurs, discontinue sacubitril and valsartan tablets immediately, and monitor for airway compromise. Sacubitril and valsartan must not be re-administered. In cases of confirmed angioedema where swelling has been confined to the face and lips, the condition has generally resolved without treatment, although antihistamines have been useful in relieving symptoms.

Angioedema associated with laryngeal edema may be fatal. Where there is involvement of the tongue, pharynx or larynx, likely to cause airway obstruction, administer appropriate therapy, e.g., subcutaneous epinephrine/adrenaline solution 1:1,000 (0.3 mL to 0.5 mL) and take measures necessary to ensure maintenance of a patent airway.

Sacubitril and valsartan has been associated with a higher rate of angioedema in Black than in non-Black patients.

Patients with a prior history of angioedema may be at increased risk of angioedema with sacubitril and valsartan [see Adverse Reactions (6.1)]. Sacubitril and valsartan must not be used in patients with a known history of angioedema related to previous ACE inhibitor or ARB therapy [see Contraindications (4)]. Sacubitril and valsartan should not be used in patients with hereditary angioedema.

5.3. Hypotension
Sacubitril and valsartan lowers blood pressure and may cause symptomatic hypotension [see Adverse Reactions (6.1)]. Patients with activated renin-angiotensin system, such as volume- and/or salt-depleted patients (e.g., those being treated with high doses of diuretics), are at greater risk. Correct volume or salt depletion prior to administration of sacubitril and valsartan or start at a lower dose. If hypotension occurs, consider dose adjustment of diuretics, concomitant antihypertensive drugs, and treatment of other causes of hypotension (e.g., hypovolemia). If hypotension persists despite these measures, reduce the dosage or temporarily discontinue sacubitril and valsartan tablets. Permanent discontinuation of therapy is usually not required.

5.4. Impaired Renal Function
As a consequence of inhibiting the renin-angiotensin-aldosterone system (RAAS), decreases in renal function may be anticipated in susceptible individuals treated with sacubitril and valsartan [see Adverse Reactions (6.1)]. In patients whose renal function depends upon the activity of the renin-angiotensin-aldosterone system (e.g., patients with severe congestive heart failure), treatment with ACE inhibitors and angiotensin receptor antagonists has been associated with oliguria, progressive azotemia and, rarely, acute renal anuria and death. Closely monitor serum creatinine, and down-titrate or interrupt sacubitril and valsartan in patients who develop a clinically significant decrease in renal function [see Use in Specific Populations (8.1) and Clinical Pharmacology (12.3)].

As with all drugs that affect the RAAS, sacubitril and valsartan may increase blood urea and serum creatinine levels in patients with bilateral or unilateral renal artery stenosis. In patients with renal artery stenosis, monitor renal function.

5.5. Hyperkalemia
Through its actions on the RAAS, hyperkalemia may occur with sacubitril and valsartan [see Adverse Reactions (6.1)]. Monitor serum potassium periodically and treat appropriately, especially in patients with risk factors for hyperkalemia such as severe renal impairment, diabetes, hypoadosteronism, or a high potassium diet. Dosage reduction or interruption of sacubitril and valsartan may be required [see Dosage and Administration (2.7)].

6. ADVERSE REACTIONS
Clinically significant adverse reactions that appear in other sections of the labeling include:

- Angioedema [see Warnings and Precautions (5.2)]
- Hypotension [see Warnings and Precautions (5.3)]
- Impaired Renal Function [see Warnings and Precautions (5.4)]
- Hyperkalemia [see Warnings and Precautions (5.5)]

6.1. Clinical Trials Experience
Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in practice.

A total of 6,622 heart failure patients were treated with sacubitril and valsartan in the PARADIGM-HF (vs. enalapril) and PARADIGM-HF (vs. valsartan) clinical trials. Of these, 5,085 were exposed for at least 1 year.

Adult Heart Failure
In PARADIGM-HF, patients were required to complete sequential enalapril and sacubitril and valsartan run-in periods of (median) 15 and 29 days, respectively, prior to entering the randomized double-blind period comparing sacubitril and valsartan and enalapril. During the enalapril run-in period, 1,102 patients (10.5%) were permanently discontinued from the study, 5.6% because of an adverse event, most commonly renal dysfunction (1.7%), hyperkalemia (1.7%), and hypotension (1.4%). During the sacubitril and valsartan run-in period, an additional 10.4% of patients permanently discontinued treatment, 5.9% because of an adverse event, most commonly renal dysfunction (1.8%), hypotension (1.7%), and hyperkalemia (1.3%). Because of this run-in design, the adverse reaction rates described below are lower than expected in practice.

In the double-blind period, safety was evaluated in 4,203 patients treated with sacubitril and valsartan and 4,229 treated with enalapril. In PARADIGM-HF, patients randomized to sacubitril and valsartan received treatment for up to 4.3 years, with a median duration of exposure of 24 months; 3,271 patients were treated for more than one year. Discontinuation of therapy because of an adverse event during the double-blind period occurred in 450 (10.7%) of sacubitril and valsartan-treated patients and 516 (12.2%) of patients receiving enalapril.

Adverse reactions occurred at an incidence of greater than or equal to 5% in patients who were treated with sacubitril and valsartan in the double-blind period of PARADIGM-HF are shown in Table 3.

In PARADIGM-HF, the incidence of angioedema was 0.1% in the enalapril and sacubitril and valsartan run-in periods. In the double-blind period, the incidence of angioedema was higher in patients treated with sacubitril and valsartan than enalapril (0.5% and 0.2%, respectively). The incidence of angioedema in Black patients was 2.4% with sacubitril and valsartan and 0.5% with enalapril [see Warnings and Precautions (5.2)].

Orthostasis was reported in 2.1% of patients treated with sacubitril and valsartan compared to 1.1% of patients treated with enalapril during the double-blind period of PARADIGM-HF. Falls were reported in 1.9% of patients treated with sacubitril and valsartan compared to 1.3% of patients treated with enalapril.

Table 3: Adverse Reactions Reported in Greater than or equal to 5% of Patients Treated with Sacubitril and valsartan in the Double-Blind Period of PARADIGM-HF

	Sacubitril and valsartan (n = 4,203)	Enalapril (n = 4,229)
Hypotension	18	12
Hyperkalemia	12	14
Cough	9	13
Dizziness	6	5
Renal failure/acute renal failure	5	5

No dose adjustment is required in patients with mild or moderate (eGFR 30 to 60 mL/min/1.73 m²) to moderate (eGFR 30 to 60 mL/min/1.73 m²) renal impairment. Half of the starting dose is recommended in adult and pediatric patients with heart failure and severe renal impairment (Child-Pugh C classification). [see Dosage and Administration (2.7), Warnings and Precautions (5.4) and Clinical Pharmacology (12.3)].

6.2. Postmarketing Experience
The following additional adverse reactions have been reported in postmarketing experience. Because these reactions are reported voluntarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relationship to drug exposure.

6.3. Postmarketing Experience
Avoid use of sacubitril and valsartan with an ARB, because sacubitril and valsartan contains the angiotensin II receptor blocker valsartan.

The concomitant use of sacubitril and valsartan with alkalisers is contraindicated in patients with diabetes [see Contraindications (4)]. Avoid use with alkalisers in patients with renal impairment (eGFR less than 60 mL/min/1.73 m²).

7.2. Potassium-Sparing Diuretics
As with other drugs that block angiotensin II or its effects, concomitant use of potassium-sparing diuretics (e.g., spironolactone, triamterene, amiloride), potassium supplement, or salt substitutes containing potassium may lead to increased serum potassium levels, reduce the efficacy of sacubitril and valsartan, and increase the risk of hypokalemia.

7.3. Nonsteroidal Anti-inflammatory Drugs (NSAIDs) Including Selective Cyclooxygenase-2 Inhibitors (COX-2 Inhibitors)
Concomitant use of sacubitril and valsartan with NSAIDs may increase the risk of renal impairment, especially in patients with renal impairment, hypertension, or heart failure. NSAIDs may also increase the risk of hypotension and may reduce the efficacy of sacubitril and valsartan. Avoid concomitant use of sacubitril and valsartan with NSAIDs if possible. If concomitant use is necessary, use the lowest effective dose for the shortest duration possible. Monitor renal function and blood pressure closely. Consider alternative analgesic/antipyretic therapy if possible.

7.4. Lithium
Concomitant use of sacubitril and valsartan with lithium may increase the risk of lithium toxicity. Avoid concomitant use of sacubitril and valsartan with lithium. If concomitant use is necessary, use the lowest effective dose for the shortest duration possible. Monitor lithium levels closely. Consider alternative analgesic/antipyretic therapy if possible.

8. USE IN SPECIFIC POPULATIONS

8.1. Pregnancy
Sacubitril and valsartan can cause fetal harm when administered to a pregnant woman. Use of drugs that act on the renin-angiotensin system during the second and third trimesters of pregnancy reduces fetal renal function and increases fetal and neonatal morbidity and death [see Clinical Considerations]. Most epidemiologic studies examining fetal abnormalities after exposure to antihypertensive use in the first trimester have not distinguished drugs affecting the renin-angiotensin system from other antihypertensive agents. In animal reproduction studies, sacubitril and valsartan treatment during organogenesis resulted in increased embryo-fetal lethality in rats and rabbits and teratogenicity in rabbits [see Data]. When pregnancy is detected, consider alternative drug treatment and discontinue sacubitril and valsartan tablets. However, if there is no appropriate alternative to therapy with drugs affecting the renin-angiotensin system, and if the drug is considered lifesaving for the mother, advise a pregnant woman of the potential risk to the fetus [see Use in Specific Populations (8.1)].

8.2. Lactation
Through its actions on the RAAS, hyperkalemia may occur with sacubitril and valsartan [see Adverse Reactions (6.1)]. Monitor serum potassium periodically and treat appropriately, especially in patients with risk factors for hyperkalemia such as severe renal impairment, diabetes, hypoadosteronism, or a high potassium diet. Dosage reduction or interruption of sacubitril and valsartan may be required [see Dosage and Administration (2.7)].

8.3. Hypotension
Sacubitril and valsartan lowers blood pressure and may cause symptomatic hypotension [see Adverse Reactions (6.1)]. Patients with activated renin-angiotensin system, such as volume- and/or salt-depleted patients (e.g., those being treated with high doses of diuretics), are at greater risk. Correct volume or salt depletion prior to administration of sacubitril and valsartan or start at a lower dose. If hypotension occurs, consider dose adjustment of diuretics, concomitant antihypertensive drugs, and treatment of other causes of hypotension (e.g., hypovolemia). If hypotension persists despite these measures, reduce the dosage or temporarily discontinue sacubitril and valsartan tablets. Permanent discontinuation of therapy is usually not required.

8.4. Impaired Renal Function
As a consequence of inhibiting the renin-angiotensin-aldosterone system (RAAS), decreases in renal function may be anticipated in susceptible individuals treated with sacubitril and valsartan [see Adverse Reactions (6.1)]. In patients whose renal function depends upon the activity of the renin-angiotensin-aldosterone system (e.g., patients with severe congestive heart failure), treatment with ACE inhibitors and angiotensin receptor antagonists has been associated with oliguria, progressive azotemia and, rarely, acute renal anuria and death. Closely monitor serum creatinine, and down-titrate or interrupt sacubitril and valsartan in patients who develop a clinically significant decrease in renal function [see Use in Specific Populations (8.1) and Clinical Pharmacology (12.3)].

As with all drugs that affect the RAAS, sacubitril and valsartan may increase blood urea and serum creatinine levels in patients with bilateral or unilateral renal artery stenosis. In patients with renal artery stenosis, monitor renal function.

8.5. Hyperkalemia
Through its actions on the RAAS, hyperkalemia may occur with sacubitril and valsartan [see Adverse Reactions (6.1)]. Monitor serum potassium periodically and treat appropriately, especially in patients with risk factors for hyperkalemia such as severe renal impairment, diabetes, hypoadosteronism, or a high potassium diet. Dosage reduction or interruption of sacubitril and valsartan may be required [see Dosage and Administration (2.7)].

8.6. ADVERSE REACTIONS
Clinically significant adverse reactions that appear in other sections of the labeling include:

- Angioedema [see Warnings and Precautions (5.2)]
- Hypotension [see Warnings and Precautions (5.3)]
- Impaired Renal Function [see Warnings and Precautions (5.4)]
- Hyperkalemia [see Warnings and Precautions (5.5)]

6.1. Clinical Trials Experience
Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in practice.

A total of 6,622 heart failure patients were treated with sacubitril and valsartan in the PARADIGM-HF (vs. enalapril) and PARADIGM-HF (vs. valsartan) clinical trials. Of these, 5,085 were exposed for at least 1 year.

Adult Heart Failure
In PARADIGM-HF, patients were required to complete sequential enalapril and sacubitril and valsartan run-in periods of (median) 15 and 29 days, respectively, prior to entering the randomized double-blind period comparing sacubitril and valsartan and enalapril. During the enalapril run-in period, 1,102 patients (10.5%) were permanently discontinued from the study, 5.6% because of an adverse event, most commonly renal dysfunction (1.7%), hyperkalemia (1.7%), and hypotension (1.4%). During the sacubitril and valsartan run-in period, an additional 10.4% of patients permanently discontinued treatment, 5.9% because of an adverse event, most commonly renal dysfunction (1.8%), hypotension (1.7%), and hyperkalemia (1.3%). Because of this run-in design, the adverse reaction rates described below are lower than expected in practice.

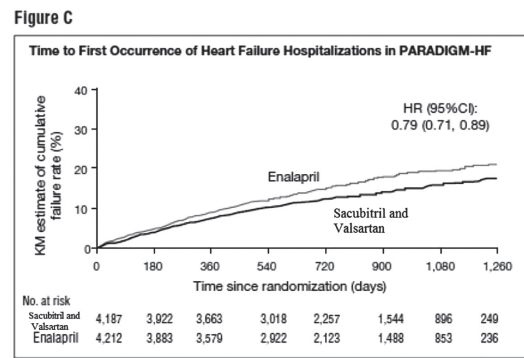
In the double-blind period, safety was evaluated in 4,203 patients treated with sacubitril and valsartan and 4,2



4047

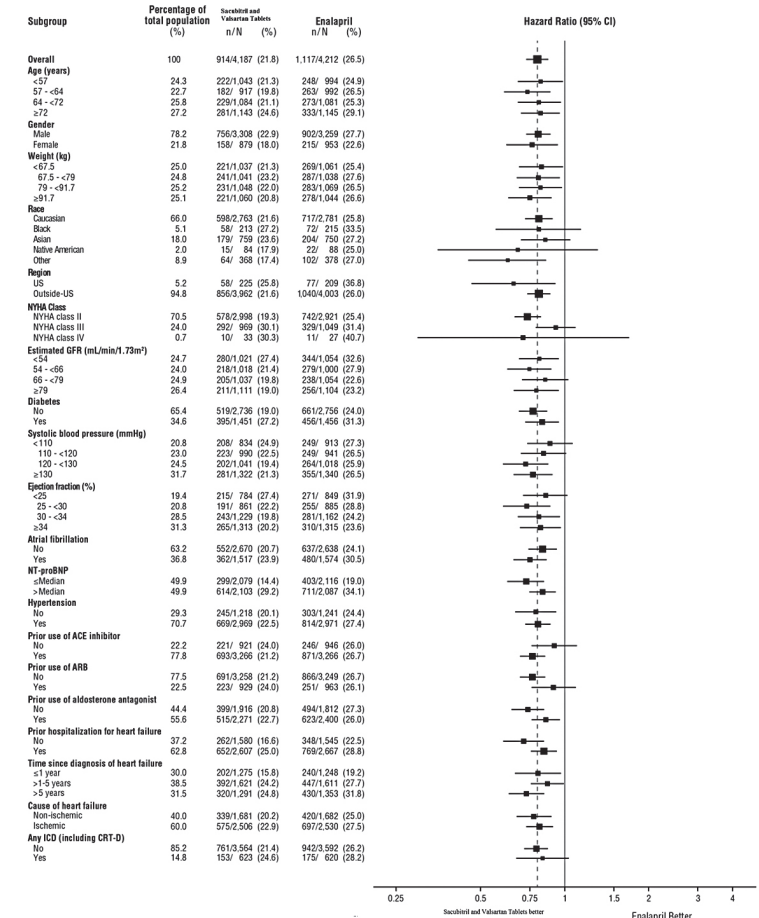
PRODUCT NAME :	SACUBITRIL AND VALSARTAN TABLETS	COUNTRY :	US	LOCATION :	Dahej	Supersedes A/W No.:			
ITEM / PACK :	Outsert	NO. OF COLORS:	1	REMARK :	V. No. : 01				
DESIGN STYLE :	Back Side	PANTONE SHADE NOS.:		SUBSTRATE :	40 g/m2 Bible Paper				
CODES :	8075231	█ Black	Activities	Department	Name	Signature	Date		
DIMENSIONS (MM) :	560 x 410		Prepared By	Pkg. Dev.					
ART WORK SIZE :	S/S		Reviewed By	Pkg. Dev.					
DATE :	25-10-2024	Font Size 6 pt_Med. 10 pt	Approved By	Quality					

Note: Pharma code/ Bar code and adjacent text must be visible on folded leaflet. These details can be moved by printed to arrange pharma code/ Bar code and adjacent text visible on folded leaflet.



A wide range of demographic characteristics, baseline disease characteristics, and baseline concomitant medications were examined for their influence on outcomes. The results of the primary composite endpoint were consistent across the subgroups examined (Figure 4).

Figure 4: Primary Composite Endpoint (CV Death or HF Hospitalization) - Subgroup Analysis (PARADIGM-HF)



Note: The figure above presents effects in various subgroups, all of which are baseline characteristics. The 95% confidence limits that are shown do not take into account the number of comparisons made, and may not reflect the effect of a particular factor after adjustment for all other factors. Apparent homogeneity or heterogeneity among groups should not be over-interpreted.

PARADIGM-HF

PARADIGM-HF was a multicenter, randomized, double-blind trial comparing sacubitril and valsartan tablets and valsartan in 4,756 adult patients with symptomatic heart failure with left ventricular ejection fraction greater than or equal to 45%, and structural heart disease [either left atrial enlargement (LAE) or left ventricular hypertrophy (LVH)]. Patients with a systolic blood pressure of less than 110 mmHg and patients with any prior echocardiographic LVEF less than 40% at screening were excluded.

The primary objective of PARADIGM-HF was to determine whether sacubitril and valsartan tablets reduced the rate of the composite endpoint of total (first and recurrent) heart failure (HF) hospitalizations and cardiovascular (CV) death.

After discontinuing their existing ACE inhibitor or ARB therapy, patients entered sequential single-blind run-in periods during which they received valsartan 80 mg twice-daily, followed by sacubitril and valsartan tablets 100 mg twice-daily. Patients on prior low dose of an ACEi or ARB began the run-in period receiving valsartan 40 mg twice-daily for 1 to 2 weeks. Patients who successfully completed the sequential run-in periods were randomized to receive either sacubitril and valsartan tablets 200 mg (N=2,419) twice-daily or valsartan 160 mg (N=2,403) twice-daily. The median follow-up duration was 35 months and patients were treated for up to 4.7 years.

The population was 81% Caucasian, 13% Asian, and 2% Black; the mean age was 73 years and 52% were female. At randomization, 77% of patients were NYHA Class II, 19% were NYHA Class III, and 0.4% were NYHA Class IV. The median left ventricular ejection fraction was 57%. The underlying cause of heart failure was of ischemic etiology in 30% of patients. Furthermore, 96% had a history of hypertension, 23% had a history of myocardial infarction, 46% had an eGFR less than 60 mL/min/1.73 m², and 43% had diabetes mellitus. Most patients were taking beta-blockers (80%) and diuretics (95%).

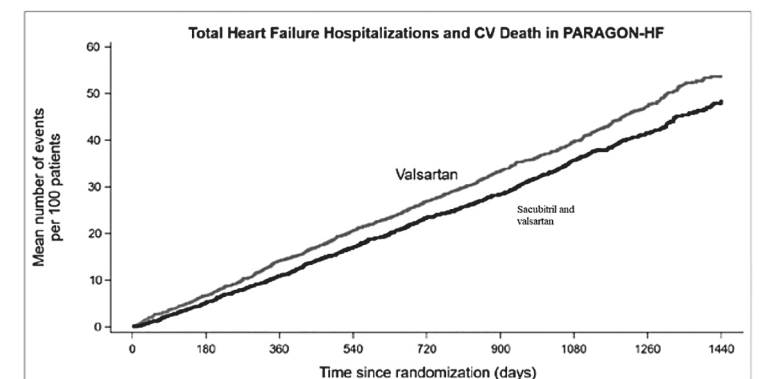
PARADIGM-HF demonstrated that sacubitril and valsartan tablets had a numerical reduction in the rate of the composite endpoint of total (first and recurrent) HF hospitalizations and CV death, based on an analysis using a proportional rates model (rate ratio [RR] 0.87; 95% CI [0.75, 1.01], p = 0.06); see Table 5. The treatment effect was primarily driven by the reduction in total HF hospitalizations in patients randomized to sacubitril and valsartan tablets (RR 0.85; 95% CI [0.72, 1.00]).

Efficacy Endpoints	n	sacubitril and valsartan tablets Event Rate*	n	Valsartan Event Rate*	Effect Size (95% CI)
Composite of total (first and recurrent) HF hospitalizations and CV death	894	12.8	1,009	14.6	RR = 0.87 (0.75, 1.01) p-value 0.06
Total HF Hospitalizations	690	9.9	797	11.6	RR = 0.85 (0.72, 1.00)
CV Death [†]	204	2.9	212	3.1	RR = 0.95 (0.79, 1.16)

Abbreviations: RR = rate ratio, HR = hazard ratio.
* Event rate per 100 patient-years.
† Includes patients who had CV death following HF hospitalization event.

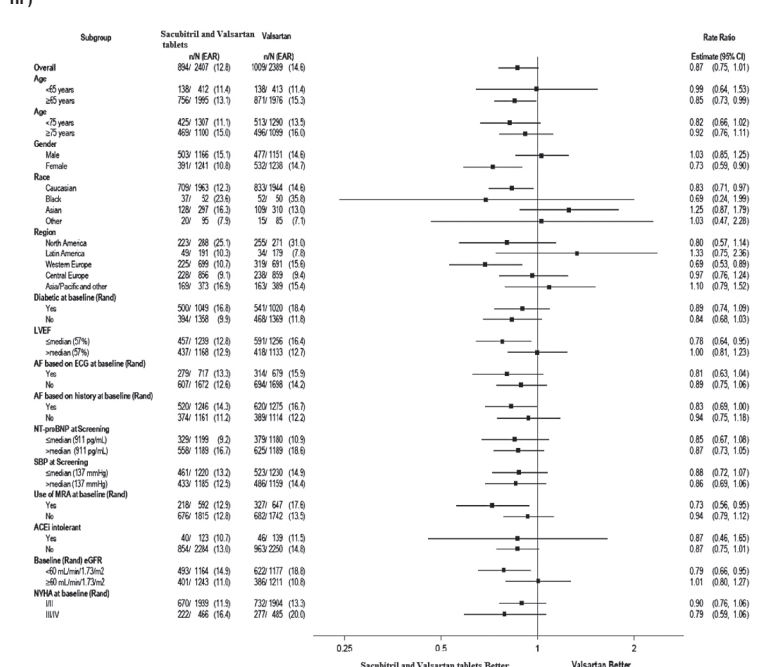
Figure 5 shows the mean number of composite endpoint events of total HF hospitalizations and CV death over time.

Figure 5: Mean Number of Events Over Time for the Primary Composite Endpoint of Total HF Hospitalizations and CV Death



A wide range of demographic characteristics, baseline disease characteristics, and baseline concomitant medications were examined for their influence on outcomes (Figure 6).

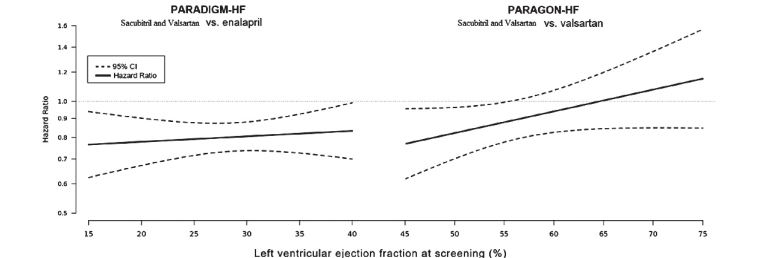
Figure 6: Primary Composite Endpoint of Total HF Hospitalizations and CV Death - Subgroup Analysis (PARADIGM-HF)



Note: The figure above presents effects in various subgroups, all of which are baseline characteristics. The 95% confidence limits that are shown do not take into account the number of comparisons made, and may not reflect the effect of a particular factor after adjustment for all other factors.

In an analysis of the relationship between LVEF and outcome in PARADIGM-HF and PARAGON-HF, patients with LVEF below normal treated with sacubitril and valsartan tablets experienced greater risk reduction (Figure 7).

Figure 7: Treatment Effect for the Composite Endpoint of Time to First HF Hospitalization or CV Death by LVEF in PARADIGM-HF and PARAGON-HF



14.2 Pediatric Heart Failure

The efficacy of sacubitril and valsartan was evaluated in a multinational, randomized, double-blind trial PANORAMA-HF comparing sacubitril and valsartan (n = 187) and enalapril (n = 188) in pediatric patients aged 1 month to less than 18 years old to systemic left ventricular systolic dysfunction (LVEF ≤ 45% or fractional shortening ≤ 22.5%). Patients with systemic right ventricle, single ventricle, restrictive cardiomyopathy or hypertrophic cardiomyopathy were excluded from the trial. Efficacy of sacubitril and valsartan in patients less than 1 year old was not established. At Week 52, there were 144 sacubitril and valsartan and 133 enalapril patients with a post-baseline assessment of NT-proBNP. The estimated least squares mean percent reduction from baseline in NT-proBNP was 65% and 62% in the sacubitril and valsartan and enalapril groups, respectively. While the between-group difference was not nominally statistically significant, the reductions for sacubitril and valsartan and enalapril were larger than what was seen in adults; these reductions did not appear to be attributable to post-baseline changes in background therapy.

Because sacubitril and valsartan improved outcomes and reduced NT-proBNP in adults in PARADIGM-HF, the effect on NT-proBNP was the basis to infer improved cardiovascular outcomes in pediatric patients.

16 HOW SUPPLIED/STORAGE AND HANDLING

Sacubitril and valsartan tablets are unscored, round shaped (24/26 mg) and oval shaped (49/51 mg and 97/103 mg). Biconvex, film-coated tablets with beveled edges. All strengths are packaged in bottles and unit dose blister packages (10 strips of 10 tablets) as described below.

Sacubitril/Valsartan mg/mg	Color	Debossment	NDC 13666-XXX-XX			Carton of 100 (10x10) unit-dose tablets
			Bottle of 60	Bottle of 180	Bottle of 500	
24/26	Violet white	U4	634-60	634-33	634-05	634-74
49/51	Pale yellow	LJ	635-60	635-33	635-05	635-74
97/103	Light pink	U7	636-60	636-33	636-05	636-74

Store at 20°C to 25°C (68°F to 77°F), excursions permitted between 15°C and 30°C (59°F and 86°F) [see USP Controlled Room Temperature]. Protect from moisture.

17 PATIENT COUNSELING INFORMATION

Advise patients to read the FDA-approved patient labeling (Patient Information).
Pregnancy: Advise female patients of childbearing age about the consequences of exposure to sacubitril and valsartan during pregnancy. Discuss treatment options with women planning to become pregnant. Advise patients to report pregnancies to their physicians as soon as possible [see Warnings and Precautions (5.1) and Use in Specific Populations (8.1)].
Lactation: Advise patients that breastfeeding is not recommended during treatment with sacubitril and valsartan tablets [see Use in Specific Populations (8.2)].

Angioedema: Advise patients to discontinue use of their previous ACE inhibitor or ARB. Advise patients to allow a 36 hour wash-out period if switching from to an ACE inhibitor [see Contraindications (4) and Warnings and Precautions (5.2)].

**Patient Information
Sacubitril and Valsartan (sak ue' bi tril and val sar' tan)
Tablets, for oral use**

What is the most important information I should know about sacubitril and valsartan tablets?
Sacubitril and valsartan tablets can harm or cause death to your unborn baby. Talk to your doctor about other ways to treat heart failure if you plan to become pregnant. Tell your doctor right away if you become pregnant during treatment with sacubitril and valsartan tablets.

What is sacubitril and valsartan tablets?
Sacubitril and valsartan tablets are prescription medicine used to treat:
• adults with long-lasting (chronic) heart failure to help reduce the risk of death and hospitalization. Sacubitril and valsartan tablets works better when the heart cannot pump a normal amount of blood to the body.
• certain children 1 year of age and older who have symptomatic heart failure.

It is not known if sacubitril and valsartan tablets are safe and effective in children under 1 year of age.

Do not take sacubitril and valsartan tablets if you:

- are allergic to any of the ingredients in sacubitril and valsartan tablets. See the end of this Patient Information leaflet for a complete list of ingredients in sacubitril and valsartan tablets.
- have had an allergic reaction, including swelling of your face, lips, tongue, throat, or trouble breathing while taking a type of medicine called an angiotensin-converting enzyme (ACE) inhibitor or angiotensin II receptor blocker (ARB).
- take an ACE inhibitor medicine. **Do not take sacubitril and valsartan tablets for at least 36 hours before or after you take an ACE inhibitor medicine.** Talk with your doctor or pharmacist before taking sacubitril and valsartan tablets if you are not sure if you take an ACE inhibitor medicine.
- have diabetes and take a medicine that contains aliskiren.

- have a history of hereditary angioedema
- have kidney or liver problems
- have diabetes
- are pregnant or plan to become pregnant. See **“What is the most important information I should know about sacubitril and valsartan tablets?”**
- are breastfeeding or plan to breastfeed. It is not known if sacubitril and valsartan passes into your breast milk. You should not breastfeed during treatment with sacubitril and valsartan tablets. You and your doctor should decide if you will take sacubitril and valsartan tablets or breastfeed.

Before taking sacubitril and valsartan tablets, tell your doctor about all of your medical conditions, including if you:

- have a history of hereditary angioedema
- have kidney or liver problems
- have diabetes
- are pregnant or plan to become pregnant. See **“What is the most important information I should know about sacubitril and valsartan tablets?”**
- are breastfeeding or plan to breastfeed. It is not known if sacubitril and valsartan passes into your breast milk. You should not breastfeed during treatment with sacubitril and valsartan tablets. You and your doctor should decide if you will take sacubitril and valsartan tablets or breastfeed.
- Tell your doctor about all the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements. Taking sacubitril and valsartan tablets with certain other medicines may affect each other. Taking sacubitril and valsartan tablets with other medicines can cause serious side effects. Especially tell your doctor if you take:
 - potassium supplements or a salt substitute
 - nonsteroidal anti-inflammatory drugs (NSAIDs)
 - lithium
 - other medicines for high blood pressure or heart problems, such as an ACE inhibitor, ARB, or aliskiren

Keep a list of your medicines to show your doctor and pharmacist when you get a new medicine.

How should I take sacubitril and valsartan tablets?

- Take sacubitril and valsartan tablets exactly as your doctor tells you to take it.
- Take sacubitril and valsartan tablets 2 times each day. Your doctor may change your dose of sacubitril and valsartan tablets during treatment.
- If you or your child cannot swallow tablets, or if tablets are not available in the prescribed strength, you or your child may take sacubitril and valsartan tablets prepared as a liquid (oral) suspension.
- If you or your child switches between taking sacubitril and valsartan tablets and the liquid suspension prepared from sacubitril and valsartan tablets, your doctor will adjust the dose as needed.
- **If you or your child are prescribed sacubitril and valsartan tablets to be prepared as a liquid suspension:**
 - Your pharmacist will prepare sacubitril and valsartan tablets for you or your child to take as a liquid suspension.
 - Shake the bottle of suspension well before measuring the dose of medicine and before taking or giving the dose.
- If you miss a dose, take it as soon as you remember. If it is close to your next dose, do not take the missed dose. Take the next dose at your regular time.
- If you take too much sacubitril and valsartan tablets, call your doctor right away.

What are the possible side effects of sacubitril and valsartan tablets? Sacubitril and valsartan tablets may cause serious side effects, including:

- See **“What is the most important information I should know about sacubitril and valsartan tablets?”**
- **Serious allergic reactions causing swelling of your face, lips, tongue, and throat (angioedema) that may cause trouble breathing and death.** Get emergency medical help right away if you have symptoms of angioedema or trouble breathing. Do not take sacubitril and valsartan tablets again if you have had angioedema during treatment with sacubitril and valsartan tablets. People who are Black and take sacubitril and valsartan tablets may have a higher risk of having angioedema than people who are not Black and take sacubitril and valsartan tablets. People who have had angioedema before taking sacubitril and valsartan tablets may have a higher risk of having angioedema than people who have not had angioedema before taking sacubitril and valsartan tablets. See **“Who should not take sacubitril and valsartan tablets?”**
- **Low blood pressure (hypotension).** Low blood pressure is common during treatment with sacubitril and valsartan tablets. Your risk of low blood pressure is greater if you also take water pills (diuretics). Call your doctor if you become dizzy or lightheaded, or you develop extreme tiredness (fatigue).
- **Kidney problems.** Kidney problems are common during treatment with sacubitril and valsartan tablets and can be serious and can lead to kidney failure. Your doctor will check your kidney function during your treatment with sacubitril and valsartan tablets.
- **Increased amount of potassium in your blood (hyperkalemia).** Increased blood potassium levels are common during treatment

with sacubitril and valsartan tablets. Your doctor will check your potassium blood level during your treatment with sacubitril and valsartan tablets.

The most common side effects of sacubitril and valsartan tablets also include cough and dizziness.

Your doctor may need to lower your dose, temporarily stop treatment, or permanently stop treatment if you develop certain side effects or if you have changes in your kidney function or increased blood levels of potassium during treatment with sacubitril and valsartan tablets. These are not all of the possible side effects of sacubitril and valsartan tablets. Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

How should I store sacubitril and valsartan tablets?

- Store sacubitril and valsartan tablets at room temperature between 68°F to 77°F (20°C to 25°C).
- Protect sacubitril and valsartan tablets from moisture.
- Store bottles of sacubitril and valsartan tablets prepared as an oral suspension at room temperature less than 77°F (25°C) for up to 15 days. **Do not** refrigerate sacubitril and valsartan tablets prepared as an oral suspension.

Keep sacubitril and valsartan tablets and all medicines out of the reach of children.

General information about the safe and effective use of sacubitril and valsartan tablets

Medicines are sometimes prescribed for purposes other than those listed in a Patient Information leaflet. Do not use sacubitril and valsartan tablets for a condition for which it was not prescribed. Do not give sacubitril and valsartan tablets to other people, even if they have the same symptoms that you have. It may harm them. You can ask your pharmacist or doctor for information about sacubitril and valsartan tablets that is written for health professionals.

What are the ingredients in sacubitril and valsartan tablets?

Active ingredients: sacubitril and valsartan

Sacubitril and valsartan tablets inactive ingredients: crospovidone, low substituted hydroxypropyl cellulose, magnesium stearate, microcrystalline cellulose, povidone, silicon dioxide and talc. The film-coat inactive ingredients are hypromellose, iron oxide red, macrogol/PEG, talc and titanium dioxide. The film-coat for the 24 mg of sacubitril and 26 mg of valsartan tablet and the 97 mg of sacubitril and 103 mg of valsartan tablet also contains iron oxide black. The film-coat for the 49 mg of sacubitril and 51 mg of valsartan tablet contains iron oxide yellow.

Prepared sacubitril and valsartan oral suspension also contains Ora-Sweet SF and Ora-Plus.



Manufactured by: TORRENT PHARMACEUTICALS LTD., INDIA.

Manufactured for: TORRENT PHARMA INC., Basking Ridge, NJ 07920.

All brand names listed are the registered trademarks of their respective owners and are not trademarks of Torrent Pharmaceuticals Ltd.

This Patient Information has been approved by the U.S. Food and Drug Administration.

8075231

Revised: July 2024