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STAGILUPIN TABLETS

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HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use STAGILUPIN TABLETS safely and effectively. See full prescribing information for STAGILUPIN TABLETS.

STAGILUPIN tablets, for oral use

Initial U.S. Approval: 2006

INDICATIONS AND USAGE

Stagilupin tablets is a dipeptidyl peptidase-4 (DPP-4) inhibitor indicated as an adjunct to diet and exercise to improve glycemic control in adults with type 2 diabetes mellitus. (1)

Limitations of Use:

- Stagilupin tablets should not be used in patients with type 1 diabetes (1).
- Stagilupin tablets have not been studied in patients with a history of pancreatitis. (1, 5.1)

DOSAGE AND ADMINISTRATION

The recommended dose of stagilupin tablets is 100 mg once daily. Stagilupin tablets can be taken with or without food. (2.1)

Dosage adjustment is recommended for patients with eGFR less than 45 mL/min/1.73 m². (2.2)

Dosage Adjustment in Patients with Renal Impairment (2.2)

eGFR greater than or equal to 30 mL/min/1.73 m ² (no less than 45 mL/min/1.73 m ²)	eGFR less than 30 mL/min/1.73 m ² (including patients with stage renal disease [ESRD]) on dialysis
50 mg once daily	25 mg once daily

DOSAGE FORMS AND STRENGTHS

Tablets: 100 mg, 50 mg, and 25 mg (3)

CONTRAINDICATIONS

History of a serious hypersensitivity reaction to stagilupin, such as anaphylaxis or angioedema (5.6, 5.2)

FULL PRESCRIBING INFORMATION: CONTENTS*

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WARNINGS AND PRECAUTIONS

Pancreatitis: There have been postmarketing reports of acute pancreatitis, including fatal and non-fatal hemorrhagic or necrotizing pancreatitis. If pancreatitis is suspected, promptly discontinue stagilupin tablets. (5.1)

Heart failure: Heart failure has been observed with two other members of the DPP-4 inhibitor class. Consider risks and benefits of stagilupin tablets in patients who have known risk factors for heart failure. Monitor patients for signs and symptoms. (5.2)

Acute Renal Failure: Has been reported postmarketing, sometimes requiring dialysis. Assessment of renal function is recommended prior to initiating stagilupin tablets and periodically thereafter. (5.3)

Hypoglycemia with Concomitant Use with Insulin or Insulin Secretagogues: Increased risk of hypoglycemia when used in combination with insulin and/or an insulin secretagogue. Lower dose of insulin or insulin secretagogue may be required. (5.4, 7.1)

Hypersensitivity Reactions: There have been postmarketing reports of serious allergic and hypersensitivity reactions in patients treated with stagilupin tablets such as anaphylaxis, angioedema, and exfoliative skin reactions including Stevens-Johnson syndrome. Promptly stop treatment of stagilupin tablets, assess for other potential causes, institute appropriate monitoring and treatment. (5.5, 5.6)

Severe and Disabling Arrhythmia: Has been reported in patients taking DPP-4 inhibitors. Consider as a possible cause for severe joint pain and discontinuation of treatment if appropriate. (5.5)

Bullous Pemphigoid: There have been postmarketing reports requiring hospitalization in patients taking DPP-4 inhibitors. Tell patients to report development of distorts or erosions. If bullous pemphigoid is suspected, discontinue stagilupin tablets. (5.7)

ADVERSE REACTIONS

Adverse reactions reported in ≥5% of patients treated with stagilupin tablets and more commonly than in patients treated with placebo are: upper respiratory tract infection, nasopharyngitis and headache. In the add-on to sulfonylureas and add-on to insulin studies, hypoglycemia was also more commonly reported in patients treated with stagilupin tablets compared to placebo. (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact Umedica Laboratories USA Inc. at 1-855-288-5777 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

See 17 for PATIENT COUNSELING INFORMATION and Medication Guide.

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recommended adult human dose (MHRD) of 100 mg/day based on AUC comparisons. Liver tumors were not observed at 150 mg/kg perorally for 26 weeks in the human exposure at the MHRD. A two-year carcinogenicity study was conducted in male and female mice given oral doses of stagilupin of 50, 150, and 500 mg/kg body weight. There was no increase in the incidence of tumors in any organ up to 500 mg/kg, approximately 70 times human exposure at the MHRD. Stagilupin was not mutagenic or clastogenic in *in vitro* tests. There was no increase in the incidence of micronucleus assay, an *in vivo* cytogenetics assay, or *in vitro* hepatocyte DNA oxidative damage assay, and *in vivo* micronucleus assay.

In a fertility study with oral gavage doses of 125, 250, and 500 mg/kg, males were treated for 4 weeks prior to mating, during mating, up to scheduled termination (approximately 8 weeks) and females were treated 2 weeks prior to mating through gestation day 7. No adverse effect on fertility was observed at 125 mg/kg (approximately 12 times human exposure at the MHRD) of 100 mg/kg based on AUC comparisons. At higher doses, non-dose-related increased resorptions in females were observed (approximately 25 and 100 times human exposure at the MHRD based on AUC comparison).

14. CLINICAL STUDIES

There were approximately 5000 patients with type 2 diabetes randomized in nine double-blind, placebo-controlled clinical safety and efficacy studies conducted to evaluate the efficacy of stagilupin on glycemic control. In a pooled analysis of seven of these studies, the ethnoracial distribution was approximately 50% white, 20% hispanic, 10% Asian, 6% black, and 8% other groups. Patients had an overall mean age of approximately 55 years (range 18 to 87 years). In addition, an active (placebo)-controlled study of 52-weeks duration was conducted in 1172 patients with type 2 diabetes who had inadequate glycemic control on metformin.

14.1. Monotherapy

A total of 1562 patients with type 2 diabetes participated in nine double-blind, placebo-controlled studies of 10- or 18-week and/or of 24-week duration, to evaluate the efficacy and safety of stagilupin tablets monotherapy. In both monotherapy studies, patients currently on an antihyperglycemic agent discontinued the agent, and underwent a diet, exercise, and drug washout period of about 7 weeks. Patients with inadequate glycemic control (A1C 7% to 10%) after the washout period were randomized after completing a 2-week single-blind placebo run-in period. Patients not currently on antihyperglycemic agents (off therapy for at least 8 weeks) with inadequate glycemic control (A1C 7% to 10%) were randomized after completing the 2-week single-blind placebo run-in period. In the 18-week study, 527 patients were randomized to placebo with stagilupin tablets 100 mg, or stagilupin tablets 200 mg, and in the 24-week study 741 patients were randomized to placebo, or stagilupin tablets 100 mg, or stagilupin tablets 200 mg. Patients had an overall mean age of approximately 55 years (range 18 to 87 years). In addition, an active (placebo)-controlled study of 52-weeks duration was conducted in 1172 patients with type 2 diabetes who had inadequate glycemic control on metformin.

14.2. Combination Therapy with Metformin

A total of 1562 patients with type 2 diabetes participated in nine double-blind, placebo-controlled studies of 10- or 18-week and/or of 24-week duration, to evaluate the efficacy and safety of stagilupin tablets monotherapy. In both monotherapy studies, patients currently on an antihyperglycemic agent discontinued the agent, and underwent a diet, exercise, and drug washout period of about 7 weeks. Patients with inadequate glycemic control (A1C 7% to 10%) after the washout period were randomized after completing a 2-week single-blind placebo run-in period. Patients not currently on antihyperglycemic agents (off therapy for at least 8 weeks) with inadequate glycemic control (A1C 7% to 10%) were randomized after completing the 2-week single-blind placebo run-in period. In the 18-week study, 527 patients were randomized to placebo with stagilupin tablets 100 mg, or stagilupin tablets 200 mg, and in the 24-week study 741 patients were randomized to placebo, or stagilupin tablets 100 mg, or stagilupin tablets 200 mg. Patients had an overall mean age of approximately 55 years (range 18 to 87 years). In addition, an active (placebo)-controlled study of 52-weeks duration was conducted in 1172 patients with type 2 diabetes who had inadequate glycemic control on metformin.

14.3. Combination Therapy with Insulin

A total of 1562 patients with type 2 diabetes participated in nine double-blind, placebo-controlled studies of 10- or 18-week and/or of 24-week duration, to evaluate the efficacy and safety of stagilupin tablets monotherapy. In both monotherapy studies, patients currently on an antihyperglycemic agent discontinued the agent, and underwent a diet, exercise, and drug washout period of about 7 weeks. Patients with inadequate glycemic control (A1C 7% to 10%) after the washout period were randomized after completing a 2-week single-blind placebo run-in period. Patients not currently on antihyperglycemic agents (off therapy for at least 8 weeks) with inadequate glycemic control (A1C 7% to 10%) were randomized after completing the 2-week single-blind placebo run-in period. In the 18-week study, 527 patients were randomized to placebo with stagilupin tablets 100 mg, or stagilupin tablets 200 mg, and in the 24-week study 741 patients were randomized to placebo, or stagilupin tablets 100 mg, or stagilupin tablets 200 mg. Patients had an overall mean age of approximately 55 years (range 18 to 87 years). In addition, an active (placebo)-controlled study of 52-weeks duration was conducted in 1172 patients with type 2 diabetes who had inadequate glycemic control on metformin.

14.4. Combination Therapy with Sulfonylureas

A total of 1562 patients with type 2 diabetes participated in nine double-blind, placebo-controlled studies of 10- or 18-week and/or of 24-week duration, to evaluate the efficacy and safety of stagilupin tablets monotherapy. In both monotherapy studies, patients currently on an antihyperglycemic agent discontinued the agent, and underwent a diet, exercise, and drug washout period of about 7 weeks. Patients with inadequate glycemic control (A1C 7% to 10%) after the washout period were randomized after completing a 2-week single-blind placebo run-in period. Patients not currently on antihyperglycemic agents (off therapy for at least 8 weeks) with inadequate glycemic control (A1C 7% to 10%) were randomized after completing the 2-week single-blind placebo run-in period. In the 18-week study, 527 patients were randomized to placebo with stagilupin tablets 100 mg, or stagilupin tablets 200 mg, and in the 24-week study 741 patients were randomized to placebo, or stagilupin tablets 100 mg, or stagilupin tablets 200 mg. Patients had an overall mean age of approximately 55 years (range 18 to 87 years). In addition, an active (placebo)-controlled study of 52-weeks duration was conducted in 1172 patients with type 2 diabetes who had inadequate glycemic control on metformin.

14.5. Combination Therapy with DPP-4 Inhibitors

A total of 1562 patients with type 2 diabetes participated in nine double-blind, placebo-controlled studies of 10- or 18-week and/or of 24-week duration, to evaluate the efficacy and safety of stagilupin tablets monotherapy. In both monotherapy studies, patients currently on an antihyperglycemic agent discontinued the agent, and underwent a diet, exercise, and drug washout period of about 7 weeks. Patients with inadequate glycemic control (A1C 7% to 10%) after the washout period were randomized after completing a 2-week single-blind placebo run-in period. Patients not currently on antihyperglycemic agents (off therapy for at least 8 weeks) with inadequate glycemic control (A1C 7% to 10%) were randomized after completing the 2-week single-blind placebo run-in period. In the 18-week study, 527 patients were randomized to placebo with stagilupin tablets 100 mg, or stagilupin tablets 200 mg, and in the 24-week study 741 patients were randomized to placebo, or stagilupin tablets 100 mg, or stagilupin tablets 200 mg. Patients had an overall mean age of approximately 55 years (range 18 to 87 years). In addition, an active (placebo)-controlled study of 52-weeks duration was conducted in 1172 patients with type 2 diabetes who had inadequate glycemic control on metformin.

14.6. Combination Therapy with DPP-4 Inhibitors

A total of 1562 patients with type 2 diabetes participated in nine double-blind, placebo-controlled studies of 10- or 18-week and/or of 24-week duration, to evaluate the efficacy and safety of stagilupin tablets monotherapy. In both monotherapy studies, patients currently on an antihyperglycemic agent discontinued the agent, and underwent a diet, exercise, and drug washout period of about 7 weeks. Patients with inadequate glycemic control (A1C 7% to 10%) after the washout period were randomized after completing a 2-week single-blind placebo run-in period. Patients not currently on antihyperglycemic agents (off therapy for at least 8 weeks) with inadequate glycemic control (A1C 7% to 10%) were randomized after completing the 2-week single-blind placebo run-in period. In the 18-week study, 527 patients were randomized to placebo with stagilupin tablets 100 mg, or stagilupin tablets 200 mg, and in the 24-week study 741 patients were randomized to placebo, or stagilupin tablets 100 mg, or stagilupin tablets 200 mg. Patients had an overall mean age of approximately 55 years (range 18 to 87 years). In addition, an active (placebo)-controlled study of 52-weeks duration was conducted in 1172 patients with type 2 diabetes who had inadequate glycemic control on metformin.

14.7. Combination Therapy with DPP-4 Inhibitors

A total of 1562 patients with type 2 diabetes participated in nine double-blind, placebo-controlled studies of 10- or 18-week and/or of 24-week duration, to evaluate the efficacy and safety of stagilupin tablets monotherapy. In both monotherapy studies, patients currently on an antihyperglycemic agent discontinued the agent, and underwent a diet, exercise, and drug washout period of about 7 weeks. Patients with inadequate glycemic control (A1C 7% to 10%) after the washout period were randomized after completing a 2-week single-blind placebo run-in period. Patients not currently on antihyperglycemic agents (off therapy for at least 8 weeks) with inadequate glycemic control (A1C 7% to 10%) were randomized after completing the 2-week single-blind placebo run-in period. In the 18-week study, 527 patients were randomized to placebo with stagilupin tablets 100 mg, or stagilupin tablets 200 mg, and in the 24-week study 741 patients were randomized to placebo, or stagilupin tablets 100 mg, or stagilupin tablets 200 mg. Patients had an overall mean age of approximately 55 years (range 18 to 87 years). In addition, an active (placebo)-controlled study of 52-weeks duration was conducted in 1172 patients with type 2 diabetes who had inadequate glycemic control on metformin.

14.8. Combination Therapy with DPP-4 Inhibitors

A total of 1562 patients with type 2 diabetes participated in nine double-blind, placebo-controlled studies of 10- or 18-week and/or of 24-week duration, to evaluate the efficacy and safety of stagilupin tablets monotherapy. In both monotherapy studies, patients currently on an antihyperglycemic agent discontinued the agent, and underwent a diet, exercise, and drug washout period of about 7 weeks. Patients with inadequate glycemic control (A1C 7% to 10%) after the washout period were randomized after completing a 2-week single-blind placebo run-in period. Patients not currently on antihyperglycemic agents (off therapy for at least 8 weeks) with inadequate glycemic control (A1C 7% to 10%) were randomized after completing the 2-week single-blind placebo run-in period. In the 18-week study, 527 patients were randomized to placebo with stagilupin tablets 100 mg, or stagilupin tablets 200 mg, and in the 24-week study 741 patients were randomized to placebo, or stagilupin tablets 100 mg, or stagilupin tablets 200 mg. Patients had an overall mean age of approximately 55 years (range 18 to 87 years). In addition, an active (placebo)-controlled study of 52-weeks duration was conducted in 1172 patients with type 2 diabetes who had inadequate glycemic control on metformin.

14.9. Combination Therapy with DPP-4 Inhibitors

A total of 1562 patients with type 2 diabetes participated in nine double-blind, placebo-controlled studies of 10- or 18-week and/or of 24-week duration, to evaluate the efficacy and safety of stagilupin tablets monotherapy. In both monotherapy studies, patients currently on an antihyperglycemic agent discontinued the agent, and underwent a diet, exercise, and drug washout period of about 7 weeks. Patients with inadequate glycemic control (A1C 7% to 10%) after the washout period were randomized after completing a 2-week single-blind placebo run-in period. Patients not currently on antihyperglycemic agents (off therapy for at least 8 weeks) with inadequate glycemic control (A1C 7% to 10%) were randomized after completing the 2-week single-blind placebo run-in period. In the 18-week study, 527 patients were randomized to placebo with stagilupin tablets 100 mg, or stagilupin tablets 200 mg, and in the 24-week study 741 patients were randomized to placebo, or stagilupin tablets 100 mg, or stagilupin tablets 200 mg. Patients had an overall mean age of approximately 55 years (range 18 to 87 years). In addition, an active (placebo)-controlled study of 52-weeks duration was conducted in 1172 patients with type 2 diabetes who had inadequate glycemic control on metformin.

14.10. Combination Therapy with DPP-4 Inhibitors

A total of 1562 patients with type 2 diabetes participated in nine double-blind, placebo-controlled studies of 10- or 18-week and/or of 24-week duration, to evaluate the efficacy and safety of stagilupin tablets monotherapy. In both monotherapy studies, patients currently on an antihyperglycemic agent discontinued the agent, and underwent a diet, exercise, and drug washout period of about 7 weeks. Patients with inadequate glycemic control (A1C 7% to 10%) after the washout period were randomized after completing a 2-week single-blind placebo run-in period. Patients not currently on antihyperglycemic agents (off therapy for at least 8 weeks) with inadequate glycemic control (A1C 7% to 10%) were randomized after completing the 2-week single-blind placebo run-in period. In the 18-week study, 527 patients were randomized to placebo with stagilupin tablets 100 mg, or stagilupin tablets 200 mg, and in the 24-week study 741 patients were randomized to placebo, or stagilupin tablets 100 mg, or stagilupin tablets 200 mg. Patients had an overall mean age of approximately 55 years (range 18 to 87 years). In addition, an active (placebo)-controlled study of 52-weeks duration was conducted in 1172 patients with type 2 diabetes who had inadequate glycemic control on metformin.

14.11. Combination Therapy with DPP-4 Inhibitors

A total of 1562 patients with type 2 diabetes participated in nine double-blind, placebo-controlled studies of 10- or 18-week and/or of 24-week duration, to evaluate the efficacy and safety of stagilupin tablets monotherapy. In both monotherapy studies, patients currently on an antihyperglycemic agent discontinued the agent, and underwent a diet, exercise, and drug washout period of about 7 weeks. Patients with inadequate glycemic control (A1C 7% to 10%) after the washout period were randomized after completing a 2-week single-blind placebo run-in period. Patients not currently on antihyperglycemic agents (off therapy for at least 8 weeks) with inadequate glycemic control (A1C 7% to 10%) were randomized after completing the 2-week single-blind placebo run-in period. In the 18-week study, 527 patients were randomized to placebo with stagilupin tablets 100 mg, or stagilupin tablets 200 mg, and in the 24-week study 741 patients were randomized to placebo, or stagilupin tablets 100 mg, or stagilupin tablets 200 mg. Patients had an overall mean age of approximately 55 years (range 18 to 87 years). In addition, an active (placebo)-controlled study of 52-weeks duration was conducted in 1172 patients with type 2 diabetes who had inadequate glycemic control on metformin.

14.12. Combination Therapy with DPP-4 Inhibitors

A total of 1562 patients with type 2 diabetes participated in nine double-blind, placebo-controlled studies of 10- or 18-week and/or of 24-week duration, to evaluate the efficacy and safety of stagilupin tablets monotherapy. In both monotherapy studies, patients currently on an antihyperglycemic agent discontinued the agent, and underwent a diet, exercise, and drug washout period of about 7 weeks. Patients with inadequate glycemic control (A1C 7% to 10%) after the washout period were randomized after completing a 2-week single-blind placebo run-in period. Patients not currently on antihyperglycemic agents (off therapy for at least 8 weeks) with inadequate glycemic control (A1C 7% to 10%) were randomized after completing the 2-week single-blind placebo run-in period. In the 18-week study, 527 patients were randomized to placebo with stagilupin tablets 100 mg, or stagilupin tablets 200 mg, and in the 24-week study 741 patients were randomized to placebo, or stagilupin tablets 100 mg, or stagilupin tablets 200 mg. Patients had an overall mean age of approximately 55 years (range 18 to 87 years). In addition, an active (placebo)-controlled study of 52-weeks duration was conducted in 1172 patients with type 2 diabetes who had inadequate glycemic control on metformin.

14.13. Combination Therapy with DPP-4 Inhibitors

A total of 1562 patients with type 2 diabetes participated in nine double-blind, placebo-controlled studies of 10- or 18-week and/or of 24-week duration, to evaluate the efficacy and safety of stagilupin tablets monotherapy. In both monotherapy studies, patients currently on an antihyperglycemic agent discontinued the agent, and underwent a diet, exercise, and drug washout period of about 7 weeks. Patients with inadequate glycemic control (A1C 7% to 10%) after the washout period were randomized after completing a 2-week single-blind placebo run-in period. Patients not currently on antihyperglycemic agents (off therapy for at least 8 weeks) with inadequate glycemic control (A1C 7% to 10%) were randomized after completing the 2-week single-blind placebo run-in period. In the 18-week study, 527 patients were randomized to placebo with stagilupin tablets 100 mg, or stagilupin tablets 200 mg, and in the 24-week study 741 patients were randomized to placebo, or stagilupin tablets 100 mg, or stagilupin tablets 200 mg. Patients had an overall mean age of approximately 55 years (range 18 to 87 years). In addition, an active (placebo)-controlled study of 52-weeks duration was conducted in 1172 patients with type 2 diabetes who had inadequate glycemic control on metformin.

Figure 2: Mean Change from Baseline for A1C (%) Over 24 Weeks in a Study Comparing Stagilupin Tablets to Placebo as Add-On Therapy in Patients with Inadequately Controlled Metformin (Per Protocol Population)

The graph shows the mean change from baseline for A1C (%) over 24 weeks. The x-axis represents time in weeks (0 to 24), and the y-axis represents the mean change from baseline for A1C (%) (-1.0 to 0.4). The legend indicates two groups: Stagilupin Tablets 100 mg (solid line with circles) and Placebo (dashed line with squares). The Stagilupin group shows a significant decrease in A1C over time, reaching approximately -0.8% at 24 weeks, while the Placebo group remains near 0%.

Figure 3: Mean Change from Baseline for A1C (%) Over 24 Weeks in a Study Comparing Stagilupin Tablets to Placebo as Add-On Therapy in Patients with Inadequately Controlled Metformin (Per Protocol Population)

The graph shows the mean change from baseline for A1C (%) over 24 weeks. The x-axis represents time in weeks (0 to 24), and the y-axis represents the mean change from baseline for A1C (%) (-1.0 to 0.4). The legend indicates two groups: Stagilupin Tablets 100 mg (solid line with circles) and Placebo (dashed line with squares). The Stagilupin group shows a significant decrease in A1C over time, reaching approximately -0.8% at 24 weeks, while the Placebo group remains near 0%.

Figure 4: Mean Change from Baseline for A1C (%) Over 24 Weeks in a Study Comparing Stagilupin Tablets to Placebo as Add-On Therapy in Patients with Inadequately Controlled Metformin (Per Protocol Population)

The graph shows the mean change from baseline for A1C (%) over 24 weeks. The x-axis represents time in weeks (0 to 24), and the y-axis represents the mean change from baseline for A1C (%) (-1.0 to 0.4). The legend indicates two groups: Stagilupin Tablets 100 mg (solid line with circles) and Placebo (dashed line with squares). The Stagilupin group shows a significant decrease in A1C over time, reaching approximately -0.8% at 24 weeks, while the Placebo group remains near 0%.

Figure 5: Mean Change from Baseline for A1C (%) Over 24 Weeks in a Study Comparing Stagilupin Tablets to Placebo as Add-On Therapy in Patients with Inadequately Controlled Metformin (Per Protocol Population)

The graph shows the mean change from baseline for A1C (%) over 24 weeks. The x-axis represents time in weeks (0 to 24), and the y-axis represents the mean change from baseline for A1C (%) (-1.0 to 0.4). The legend indicates two groups: Stagilupin Tablets 100 mg (solid line with circles) and Placebo (dashed line with squares). The Stagilupin group shows a significant decrease in A1C over time, reaching approximately -0.8% at 24 weeks, while the Placebo group remains near 0%.

Figure 6: Mean Change from Baseline for A1C (%) Over 24 Weeks in a Study Comparing Stagilupin Tablets to Placebo as Add-On Therapy in Patients with Inadequately Controlled Metformin (Per Protocol Population)

The graph shows the mean change from baseline for A1C (%) over 24 weeks. The x-axis represents time in weeks (0 to 24), and the y-axis represents the mean change from baseline for A1C (%) (-1.0 to 0.4). The legend indicates two groups: Stagilupin Tablets 100 mg (solid line with circles) and Placebo (dashed line with squares). The Stagilupin group shows a significant decrease in A1C over time, reaching approximately -0.8% at 24 weeks, while the Placebo group remains near 0%.

Figure 7: Mean Change from Baseline for A1C (%) Over 24 Weeks in a Study Comparing Stagilupin Tablets to Placebo as Add-On Therapy in Patients with Inadequately Controlled Metformin (Per Protocol Population)

The graph shows the mean change from baseline for A1C (%) over 24 weeks. The x-axis represents time in weeks (0 to 24), and the y-axis represents the mean change from baseline for A1C (%) (-1.0 to 0.4). The legend indicates two groups: Stagilupin Tablets 100 mg (solid line with circles) and Placebo (dashed line with squares). The Stagilupin group shows a significant decrease in A1C over time, reaching approximately -0.8% at 24 weeks, while the Placebo group remains near 0%.

Figure 8: Mean Change from Baseline for A1C (%) Over 24 Weeks in a Study Comparing Stagilupin Tablets to Placebo as Add-On Therapy in Patients with Inadequately Controlled Metformin (Per Protocol Population)

The graph shows the mean change from baseline for A1C (%) over 24 weeks. The x-axis represents time in weeks (0 to 24), and the y-axis represents the mean change from baseline for A1C (%) (-1.0 to 0.4). The legend indicates two groups: Stagilupin Tablets 100 mg (solid line with circles) and Placebo (dashed line with squares). The Stagilupin group shows a significant decrease in A1C over time, reaching approximately -0.8% at 24 weeks, while the Placebo group remains near 0%.

Figure 9: Mean Change from Baseline for A1C (%) Over 24 Weeks in a Study Comparing Stagilupin Tablets to Placebo as Add-On Therapy in Patients with Inadequately Controlled Metformin (Per Protocol Population)

The graph shows the mean change from baseline for A1C (%) over 24 weeks. The x-axis represents time in weeks (0 to 24), and the y-axis represents the mean change from baseline for A1C (%) (-1.0 to 0.4). The legend indicates two groups: Stagilupin Tablets 100 mg (solid line with circles) and Placebo (dashed line with squares). The Stagilupin group shows a significant decrease in A1C over time, reaching approximately -0.8% at 24 weeks, while the Placebo group remains near 0%.

Figure 10: Mean Change from Baseline for A1C (%) Over 24 Weeks in a Study Comparing Stagilupin Tablets to Placebo as Add-On Therapy in Patients with Inadequately Controlled Metformin (Per Protocol Population)

The graph shows the mean change from baseline for A1C (%) over 24 weeks. The x-axis represents time in weeks (0 to 24), and the y-axis represents the mean change from baseline for A1C (%) (-1.0 to 0.4). The legend indicates two groups: Stagilupin Tablets 100 mg (solid line with circles) and Placebo (dashed line with squares). The Stagilupin group shows a significant decrease in A1C over time, reaching approximately -0.8% at 24 weeks, while the Placebo group remains near 0%.

Figure 11: Mean Change from Baseline for A1C (%) Over 24 Weeks in a Study Comparing Stagilupin Tablets to Placebo as Add-On Therapy in Patients with Inadequately Controlled Metformin (Per Protocol Population)

The graph shows the mean change from baseline for A1C (%) over 24 weeks. The x-axis represents time in weeks (0 to 24), and the y-axis represents the mean change from baseline for A1C (%) (-1.0 to 0.4). The legend indicates two groups: Stagilupin Tablets 100 mg (solid line with circles) and Placebo (dashed line with squares). The Stagilupin group shows a significant decrease in A1C over time, reaching approximately -0.8% at 24 weeks, while the Placebo group remains near 0%.

Figure 12: Mean Change from Baseline for A1C (%) Over 24 Weeks in a Study Comparing Stagilupin Tablets to Placebo as Add-On Therapy in Patients with Inadequately Controlled Metformin (Per Protocol Population)

The graph shows the mean change from baseline for A1C (%) over 24 weeks. The x-axis represents time in weeks (0 to 24), and the y-axis represents the mean change from baseline for A1C (%) (-1.0 to 0.4). The legend indicates two groups: Stagilupin Tablets 100 mg (solid line with circles) and Placebo (dashed line with squares). The Stagilupin group shows a significant decrease in A1C over time, reaching approximately -0.8% at 24 weeks, while the Placebo group remains near 0%.

At 30 weeks, the mean reduction in A1C was greater in the stagilupin group than in the placebo group (Table 10). At the end of the trial, the mean reduction in A1C was 0.2% in the placebo group and a fasting plasma glucose (FPG) in the target range; there was no significant difference in insulin dose between groups.

Table 10: Mean Change from Baseline in A1C and FPG at Week 30 in the Maintenance of Stagilupin Tablets

During Initiation and Transition of Insulin Stagilupin Study

Parameter	Stagilupin 100 mg (n=1562)	Placebo (n=1562)
A1C (%)	-0.2	-0.1
FPG (mg/dL)	85.0	85.0
Insulin (U/kg/day)	0.2	0.2

Table 11: Mean Change from Baseline in A1C and FPG at Week 30 in the Maintenance of Stagilupin Tablets

During Initiation and Transition of Insulin Stagilupin Study

Parameter	Stagilupin 100 mg (n=1562)	Placebo (n=1562)
A1C (%)	-0.2	-0.1
FPG (mg/dL)	85.0	85.0
Insulin (U/kg/day)	0.2	0.2

Table 12: Mean Change from Baseline in A1C and FPG at Week 30 in the Maintenance of Stagilupin Tablets

During Initiation and Transition of Insulin Stagilupin Study

Parameter	Stagilupin 100 mg (n=1562)	Placebo (n=1562)
A1C (%)	-0.2	-0.1
FPG (mg/dL)	85.0	85.0
Insulin (U/kg/day)	0.2	0.2

Table 13: Mean Change from Baseline in A1C and FPG at Week 30 in the Maintenance of Stagilupin Tablets

During Initiation and Transition of Insulin Stagilupin Study

Parameter	Stagilupin 100 mg (n=1562)	Placebo (n=1562)
A1C (%)	-0.2	-0.1
FPG (mg/dL)	85.0	85.0
Insulin (U/kg/day)	0.2	0.2

Table 14: Mean Change from Baseline in A1C and FPG at Week 30 in the Maintenance of Stagilupin Tablets

During Initiation and Transition of Insulin Stagilupin Study

Parameter	Stagilupin 100 mg (n=1562)	Placebo (n=1562)
A1C (%)	-0.2	-0.1
FPG (mg/dL)	85.0	85.0
Insulin (U/kg/day)	0.2	0.2

Table 15: Mean Change from Baseline in A1C and FPG at Week 30 in the Maintenance of Stagilupin Tablets

During Initiation and Transition of Insulin Stagilupin Study

Parameter	Stagilupin 100 mg (n=1562)	Placebo (n=1562)
A1C (%)	-0.2	-0.1
FPG (mg/dL)	85.0	85.0
Insulin (U/kg/day)	0.2	0.2

Table 16: Mean Change from Baseline in A1C and FPG at Week 30 in the Maintenance of Stagilupin Tablets

During Initiation and Transition of Insulin Stagilupin Study

Parameter	Stagilupin 100 mg (n=1562)	Placebo (n=1562)
A1C (%)	-0.2	-0.1
FPG (mg/dL)	85.0	85.0
Insulin (U/kg/day)	0.2	0.2

Table 17: Mean Change from Baseline in A1C and FPG at Week 30 in the Maintenance of Stagilupin Tablets

During Initiation and Transition of Insulin Stagilupin Study

Parameter	Stagilupin 100 mg (n=1562)	Placebo (n=1562)
A1C (%)	-0.2	-0.1
FPG (mg/dL)	85.0	85.0
Insulin (U/kg/day)	0.2	0.2

Table 18: Mean Change from Baseline in A1C and FPG at Week 30 in the Maintenance of Stagilupin Tablets

During Initiation and Transition of Insulin Stagilupin Study

Parameter	Stagilupin 100 mg (n=1562)	Placebo (n=1562)
A1C (%)	-0.2	-0.1
FPG (mg/dL)	85.0	85.0
Insulin (U/kg/day)	0.2	0.2

Table 19: Mean Change from Baseline in A1C and FPG at Week 30 in the Maintenance of Stagilupin Tablets

During Initiation and Transition of Insulin Stagilupin Study

Parameter	Stagilupin 100 mg (n=1562)	Placebo (n=1562)
A1C (%)	-0.2	-0.1
FPG (mg/dL)	85.0	