Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 1

16.1.9 Documentation of Statistical Methods



Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 2

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 1

STATISTICAL ANALYSIS PLAN

Title: A Randomized, Double-blind, Placebo-controlled Study to Evaluate the Effect of AMG 334 on Exercise Time During a Treadmill Test in Subjects With Stable Angina

AMG 334

Protocol Number: 20140254

Version: Version 2.0

Date: 07 January 2017

Authors:

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Date: 13 April 2017 Page 3

Product: AMG 334

Statistical Analysis Plan: 20140254 Date: 07 January 2017 Page 2

Table of Contents

Table	of Abb	previations4
1.	Introdu	ıction5
2.	Objecti 2.1 2.2 2.3	ives 5 Primary 5 Secondary 5 Safety 5
3.	Study (3.1 3.2	Overview5Study Design5Sample Size5
4.	Study I 4.1 4.2	Endpoints and Covariates 6 Study Endpoints 6 4.1.1 Primary Endpoint 6 4.1.2 Secondary Endpoints 6 4.1.3 Safety Endpoints 6 Planned Covariates 6
5.	Hypoth	neses
6.	Definiti 6.1 6.2 6.3 6.4 6.5	ions 7 Study Dates 7 Study Points of Reference 8 Baseline and Demographics 8 Efficacy Endpoints 9 Safety Endpoints 9
7.	Analys 7.1 7.2 7.3 7.4 7.5	is Subsets 10 Full Analysis Set 10 Safety Analysis Set 10 Efficacy Analysis Set 10 Per Protocol Set 11 Subgroup Analyses 11
8.	Interim	Analysis and Early Stopping Guidelines11
9.	Data S 9.1 9.2 9.3 9.4 9.5 9.6	Creening and Acceptance





Date: 13 April 2017 Page 4

Product: AMG 334

Statistical Analysis Plan: 20140254

Date	: 07 Jar	nuary 2017	Page 3
	9.7	Validation of Statistical Analyses	13
10.	Statist	Statistical Methods of Analysis	
	10.1	General Principles	14
	10.2	Subject Accountability	14
	10.3	Important Protocol Deviations	14
	10.4	Demographic and Baseline Characteristics	15
	10.5	Efficacy Analyses	15
		10.5.1 Analyses of Primary Efficacy Endpoint	16
		10.5.2 Analyses of Secondary Efficacy Endpoints	17
	10.6	Safety Analyses	18
		10.6.1 Adverse Events	18
		10.6.2 Columbia-Suicide Severity Rating Scale (C-SSRS)	18
		10.6.3 Laboratory Test Results	18
		10.6.4 Vital Signs	19
		10.6.5 Antibody Formation	19
		10.6.6 Exposure to Concomitant Medication	19
	10.7	Pharmacokinetic Analysis	19
	10.8	Additional Safety Endpoints for Country Specific Supplement Countries	20
11.	Chang	es From Protocol-specified Analyses	20
12.	Literat	ure Citations / References	21
13.	Data N	lot Covered by This Plan	22
14.	Appen	dices	23
		List of Tables	
Tab	le 1. Su	mmary of Efficacy Endpoints and Analysis Methods	16
		List of Appendices	
App	endix A.	Post-baseline Study Visits	24
App	endix B.	Technical Detail and Supplemental Information Regarding Statistical Procedures and Programs	25
App	endix C.	Reference Values/Toxicity Grades	28
Ann	endix D	Concomitant Medications	29





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 5

Product: AMG 334

Statistical Analysis Plan: 20140254 Date: 07 January 2017 Page 4

Table of Abbreviations

Abbreviation or Term	Definition/Explanation
AFT	Accelerated Failure Time Model
ANOVA	Analysis of Variance
ANCOVA	Analysis of Covariance
CI	Confidence Interval
CRF	Case Report Form
C-SSRS	Columbia-Suicide Severity Rating Scale
CTCAE	Common Toxicity Criteria for Adverse Events
DMC	Data Monitoring Committee
DMP	Data Management Plan
DRE	Disease Related Event
DTP	Data Transfer Plan
EAS	Efficacy Analysis Set
ECG	Electrocardiograph
EOS	End Of Study
ETT	Exercise Treadmill Test
ETTr	Exercise Treadmill Test post-randomization
FAS	Full Analysis Set
HR	Heart Rate
IP	Investigational Product
MedDRA	Medical Dictionary for Regulatory Activities
NCI	National Cancer Institute
SAE	Serious Adverse Event
SAP	Statistical Analysis Plan
SBP	Systolic Blood Pressure
TEAE	Treatment Emergent Adverse Event
TET	Total Exercise Time
ULN	Upper Limit of Normal
VHP	Voluntary Harmonization Procedure





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 6

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 5

1. Introduction

The purpose of this Statistical Analysis Plan (SAP) is to provide details of the statistical analyses that have been outlined within Protocol Amendments 4 and associated Country Specific Supplement 3 for AMG 334 Study 20140254 dated 28 October 2016 and 14 November 2016, respectively. The scope of this plan includes the primary and final analyses that are planned and will be executed by the Biostatistics department unless otherwise specified.

2. Objectives

2.1 Primary

To evaluate the effect of AMG 334 compared to placebo on exercise capacity in subjects with stable angina as measured by total exercise time (TET) during an exercise treadmill test (ETT).

2.2 Secondary

To evaluate the effect of AMG 334 compared to placebo during an ETT on the time to the onset of:

- Exercise-induced angina
- ST-segment depression

2.3 Safety

To evaluate the safety and tolerability of AMG 334 in a population with stable angina.

3. Study Overview

3.1 Study Design

This is a phase 2a, multicenter, randomized, double-blind, placebo-controlled study in subjects with stable angina. At least 54 subjects will be randomized in a 1:1 ratio to receive either a single dose of AMG 334 140 mg or placebo intravenously prior to completing an ETT. Randomization will be stratified by the TET average of the 2 qualifying screening ETTs (< 7 minutes or \geq 7 minutes). Treatment group will be blinded to the investigator, subjects, and the Amgen study team.

3.2 Sample Size

The primary endpoint is the change from baseline in TET. Assuming between-subject standard deviation for change from baseline in exercise duration of 130 seconds, with a planned study size of at least 27 subjects in each group and a difference in change from baseline in exercise duration of 0 seconds between AMG 334 group and placebo group, there is an 80% probability (power) that the lower bound of the 90% confidence interval





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 7

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 6

(CI) will exceed -90 seconds. A margin larger than -60 seconds between groups was required to accommodate the possibility of more than 60 second (up to 20%) difference allowed in qualifying TETs for individual subjects. Because of this within-subject TET variation, a maximum TET difference of 90 seconds between the AMG 334 group and placebo group was considered reasonable in this study. A margin of -90 seconds was selected, which corresponds to the margin used in previous study testing a comparable hypothesis (Patterson, et.al 2005). Twenty-nine subjects are needed in each group if considering 5% dropout.

When approximately 45 subjects have been enrolled, Amgen may conduct a blinded sample size-estimation and may choose to alter the sample size based on the blinded variance in the pooled treatment groups.

- 4. Study Endpoints and Covariates
- 4.1 Study Endpoints
- 4.1.1 Primary Endpoint
 - · Change from baseline in TET

4.1.2 Secondary Endpoints

- · During the ETT
 - o Time to onset of exercise-induced angina
 - o Time to onset of ≥ 1 mm ST-segment depression

4.1.3 Safety Endpoints

- Adverse events and disease related events
- Changes in vital signs

For Country Specific Supplement countries only:

- Maximum change in ST-segment depression (mm) from baseline
- Maximum heart rate (HR)
- o Maximum change in systolic blood pressure (SBP) from baseline

4.2 Planned Covariates

The stratification factor of baseline TET (< 7 or ≥ 7 minutes) will be included as a covariate in the primary analysis of the efficacy endpoints.

Stratification factor will use the values used for randomization unless otherwise noted.





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 8

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 7

5. Hypotheses

The primary endpoint of the study will be tested for AMG 334 compared to placebo, with type I error 0.1

- Null Hypothesis: In subjects with angina, AMG 334 does significantly decrease
 exercise capacity (by at least 90 seconds), as measured by change from
 baseline in total exercise time, compared to placebo, and that the true treatment
 difference in change from baseline in TET is -90 seconds or more (worse).
- Alternative Hypothesis: In subjects with angina, AMG334 does not decrease
 exercise capacity, as measured by change from baseline in total exercise time,
 compared to placebo, and that the difference in change from baseline in TET if
 any, is less than a 90 second decrease.

6. Definitions

6.1 Study Dates

Enrollment Date

Enrollment Date is defined as the randomization date.

Randomization Date

Randomization Date is defined as the date subject was allocated to a treatment group.

First IP Dose Date

First IP Dose Date is the date on which a subject is administered the first dose of IP following randomization. For subjects who are randomized but not dosed with IP, first dose date is missing.

Subject-level End of Study (EOS) Date

End of study for each subject is defined as the last date on which the subject last completed a protocol-specified procedure. The date will be recorded on the End of Study CRF page.

Primary Completion Date

The primary completion date is defined as the date the last subject completes the on study ETT

Study Completion Date

The study completion date is the EOS date of the last subject in the study.





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 9

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 8

6.2 Study Points of Reference

Study Day 1

Study Day 1 is defined as the first IP dose date. For subjects who are randomized but not dosed, Study Day 1 is defined as the date of randomization.

Study Day

Study Day is defined as the number of days from Study Day 1.

Before Study Day 1:

Study Day = (Date of Interest – Date of Study Day 1)

On or after Study Day 1:

Study Day = (Date of Interest – Date of Study Day 1) + 1

Therefore the day prior to Study Day 1 is -1.

Post-baseline Study Visit

See Appendix A.

Completing Study

A subject is defined as completing study if the primary reason for ending study is "Completed".

Completing Investigational Product (IP)

A subject is defined as completing IP if the reason for ending IP is "Completed".

6.3 Baseline and Demographics

Age at Enrollment

Subject age at enrollment will be collected in years in the clinical database.

Baseline Values

Baseline TET is the average of the 2 qualifying screening ETTs.

If subject completes Columbia-Suicide Severity Rating Scale (C-SSRS) form on Study Day 1 then all individual items from Study Day 1 visit will be used as baseline. If subject does not complete C-SSRS form on Study Day 1 then the last completed form prior to Study Day 1 will be used.





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 10

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 9

For all other variables, unless otherwise specified, baseline values are defined as the last non-missing value before the first dose of IP, or randomization date for subjects who never received IP. In cases where baseline measurements are taken on the same day as the first IP dose date, it will be assumed that these measurements are taken prior to IP being administered.

BMI

Subject's BMI will be derived in kg/m² in the clinical database.

6.4 Efficacy Endpoints

Change from baseline in TET

Change from baseline in TET = TET from on-study ETT post-randomization - baseline TET

Time to Event

Time to event (onset of angina, ≥ 1 mm ST-segment depression) is defined as the time subject received IP to the time of event onset.

Time to event = event onset time – time received investigational product

If no event occurs, then subject will be censored at the ETT stop time.

6.5 Safety Endpoints

Treatment-Emergent Adverse Event

Events categorized as adverse events (AEs) starting on or after first dose of IP as determined by the flag indicating if the AEs started prior to the first dose on the Events CRF and up to and including 84 days after the end of IP or end of study, whichever comes first.

Serious adverse events (SAEs) are events categorized as AEs that are starting on or after first dose of IP as determined by the flag indicating if the adverse event started prior to the first dose of the Events CRF and up to and including 84 days after the end of investigational product.

Treatment-emergent Disease-related Event

Events categorized as Disease-related Events (DREs) starting on or after first dose of investigational product as determined by the flag indicated if the event started prior to the first dose on the Events CRF and up to and including 84 days after the end of investigational product.





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 11

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 10

Serious disease-related events are events are events categorized as DREs that are starting on or after first dose of investigational product as determined by the flag indicating if the event started prior to the first dose on the Events CRF and up to and including 84 days after the end of investigational product

Maximum Change from Baseline in SBP

The maximum change from baseline in SBP is calculated by the maximum value of (SBP after first dose date— baseline SBP)

Maximum Change from Baseline in HR

The maximum change from baseline in HR is calculated by the maximum value of (HR after first dose date — baseline HR)

Maximum Change from Baseline in ST-Segment Depression

The maximum change from baseline in ST-Segment Depression is calculated by the maximum value of (ST-Segment Depression after first dose—baseline ST-Segment Depression).

Columbia-Suicide Severity Rating Scale (C-SSRS)

The C-SSRS is a clinician rating of suicidal behavior and ideation. Two versions depending on the type of visits will be used in this study: Screening and Since Last Visit. The C-SSRS consists of a maximum of 20 items to evaluate suicidal behavior and suicidal ideation.

7. Analysis Subsets

7.1 Full Analysis Set

The Full Analysis Set (FAS) includes all randomized subjects. Subjects will be analyzed according to their randomized treatment, regardless of the treatment received.

7.2 Safety Analysis Set

The Safety Analysis Set (SAS) includes all randomized subjects who received at least one dose of investigational product. For all safety analyses, subjects will be grouped according to the actual treatment received.

7.3 Efficacy Analysis Set

The Efficacy Analysis Set (EAS) utilizes the FAS and includes subjects who received IP and completed the exercise treadmill test post-randomization (ETTr). Subjects will be grouped according to their randomized treatment, regardless of the treatment received.





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 12

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 11

7.4 Per Protocol Set

The Per Protocol Set (PPS) utilizes the EAS and includes subjects who completed IP on Study Day 1 and do not have important protocol deviations that will potentially impact primary analysis of efficacy endpoints. Subjects who deviate from key eligibility criteria including currently participating in another investigational device or drug study (exclusion criteria 201) and cardiovascular conditions (exclusion criteria 214, 215, 216, 217, 218) will be excluded from the analysis.

7.5 Subgroup Analyses

Primary and secondary analyses will be performed according to the following subgroups: baseline TET (< 7 minutes or \geq 7 minutes) randomization strata, age group (<65, \geq 65) and sex.

8. Interim Analysis and Early Stopping Guidelines

A Data Monitoring Committee (DMC) will review all available safety data periodically. The DMC will have access to subjects' individual treatment assignments. To minimize the potential introduction of bias to the conduct of the study, members of the DMC will not have any direct contact with study center personnel or subjects. The DMC will communicate major safety concerns and recommendations regarding study modification or termination based on the safety parameters to Amgen in accordance with the DMC charter.

Records of all meetings will be maintained by the DMC for the duration of the study.

Records of all meetings will be stored in the Amgen official document management system at the conclusion of the study. Further details are provided in the DMC charter.

No interim analysis is planned for this study except for sample size re-estimation that will be performed on the pooled sample after 45 subjects have been enrolled. Amgen may choose to alter the sample size based on the pooled variance in the overall group.

9. Data Screening and Acceptance

9.1 General Principles

The objective of the data screening is to assess the quantity, quality, and statistical characteristics of the data relative to the requirements of the planned analyses.

9.2 Data Handling and Electronic Transfer of Data

The Amgen Global Study Operations-Data Management (GSO-DM) department will provide all data to be used in the planned analyses. This study will use the RAVE database. The database will be subjected to edit check outlined in the Data





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 13

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 12

Management Plan (DMP). Central laboratory, PK, antibody, biomarkers, adjudicated events and ECG data is outside of RAVE database. All the datasets to be used for planned analyses will be received from GSO-DM department. Additional details will be provided in the DMP and Data Transfer Plan (DTP).

9.3 Handling of Missing and Incomplete Data

Subjects may miss specific data points for a variety of causes. In general, data could be missing due to a subject's early withdrawal from study, a missed visit, or inability to evaluate an endpoint at a particular point in time. Missing assessment at baseline or on-study will not be imputed.

9.3.1 Missing and Incomplete Dates

Missing and partially missing dates for the following parameters will be queried. In general, the algorithm for imputing missing dates will use the logic below. Unless otherwise specified, Study Day 1 will be the first dose date or randomization date for subjects who never received IP:

- If the year and month are the same as Study Day 1 but the day part is missing, the day will be set to the 1st of the month of Study Day 1.
- If the year is the same as Study Day 1 but the day and month are missing, the
 day and month will be set to the 1st of January of Study Day 1.
- If the year and day are the same as Study Day 1 but month is missing, the month will be set to January of Study Day 1.
- If the month and day are the same as Study Day 1 but year is missing, the year will be reset to the year of Study Day 1.
- If any of the resulting dates are prior to reference date, the imputed date will be reset to the reference date.
- If day, month and year are all missing, no imputation will be applied.

Partial/missing AE and concomitant medication start dates will be imputed using the algorithm above, with the Study Day 1 being the first dose date. For subjects who are randomized but not dosed, Study Day 1 is defined as the date of randomization. AEs that occurred before first dose as indicated by "Did event start before first dose of investigational product" is marked 'Y', will not be imputed.

9.4 Detection of Bias

This study has been designed to minimize potential bias by allocating treatment groups randomly, assessing endpoints and handling withdrawals without knowledge of the treatment. Other factors that may bias the results of the study include:





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 14

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 13

 important protocol deviations likely to impact the analysis and interpretation of the efficacy endpoints

- · inadvertent breaking of the blind before formal unblinding
- investigational product dosing non-compliance
- · the timing of and reasons for early withdrawal from treatment and from study

The incidence of these factors may be assessed. Important protocol deviations will be listed and/or tabulated in the clinical study report (CSR). If necessary, the incidence of other factors will be tabulated.

Any breaking of the blind for individual subjects prior to formal unblinding of the study will be documented in the CSR.

9.5 Outliers

Histograms will be examined to identify outliers in any of the continuous variables used in the analyses. Unexpected and/or unexplained values in categorical data will be identified by utilizing frequency tables.

Extreme data points will be identified during blinded review of the data before final database lock. These data points will be reviewed and queried per the data management or clinical listing review plans. Extreme values will not be excluded from the analyses.

9.6 Distributional Characteristics

Statistical assumptions for the primary and secondary endpoint analyses will be assessed. Continuous endpoints of change from baseline in TET will be analyzed under normality assumption. If the assumptions for the primary analysis are not met, then suitable transformation methods (eg, log transform) will be applied.

9.7 Validation of Statistical Analyses

Programs will be developed and maintained, and output will be verified in accordance with current risk-based quality control procedures.

Tables, figures, and listings will be produced with validated standard macro programs where standard macros can produce the specified outputs.

The production environment for statistical analyses consists of Amgen-supported versions of statistical analysis software; for example, the SAS System version 9.3 or later.





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 15

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 14

10. Statistical Methods of Analysis

10.1 General Principles

The primary analysis to evaluate the effect of AMG 334 compared to placebo on exercise capacity in subjects with stable angina as measured by TET during an ETT.

The FAS will be used to tabulate demographic data, baseline disease characteristics, and subject disposition. The EAS will include all FAS subjects who received IP and completed the ETTr and will be used to analyze the primary and secondary endpoints including the change from baseline in TET, time to onset of ≥ 1 mm ST-segment depression, and time to onset of exercise-induced angina. The Safety Analysis Set will be used to analyze safety endpoints.

Summary statistics by each treatment group will be tabulated at each visit. For continuous endpoints, descriptive statistics will be provided including number of subjects, mean, median, standard deviation, standard error, lower and upper quartiles, minimum, and maximum. For categorical endpoints, frequency, and percentage will be given. Missing data will not be imputed.

Baseline value for exercise duration is the average value of the two qualifying measurements in the screening period.

10.2 Subject Accountability

The number and percent of subjects who were screened, randomized, received IP, received partial or none, completed study, discontinued study and reasons for discontinuing will be summarized by treatment group.

The number and percent of subjects randomized will be tabulated by study site.

Key study dates for the first subject enrolled, last subject enrolled, last subject's end of study, and last subject's ETT will be presented.

Data analysis will occur at the following time points:

The primary analysis will take place after all subjects have completed the on study ETT.

The final analysis will take place after all subjects have completed the study and after the final database lock.

10.3 Important Protocol Deviations

Important Protocol Deviations (IPDs) categories are defined by the study team before the first subject's visit and updated during the IPD reviews throughout the study prior to database lock. These definitions of IPD categories, sub-category codes, and





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 16

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 15

descriptions will be used during the course of the study. Eligibility deviations are defined in the protocol.

10.4 Demographic and Baseline Characteristics

Demographic (ie, age, age group (based on median cut point), geriatric age group [< 65, ≥ 65 and ≥75], sex, race, ethnicity) and baseline disease characteristics will be summarized by treatment group and overall using descriptive statistics.

If multiple races have been reported for a subject, the subject will be categorized as multiple race.

The following baseline characteristics will also be summarized:

- Weight (kg)
- Height (cm)
- Body Mass Index (BMI, kg/m2)
- Systolic BP (mmHg)
- Diastolic BP (mmHg)
- Heart Rate (beats/min)
- Baseline TET (seconds)
- Concomitant medications of interest (beta blockers, nitrates, calcium channel blockers, ranolazine, ACE inhibitors and angiotensin receptor blockers)

10.5 Efficacy Analyses

Detailed primary, secondary and sensitivity analysis methods are summarized in the table below.





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 17

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 16

Table 1. Summary of Efficacy Endpoints and Analysis Methods

Endpoint	Primary and Secondary Analysis Methods (EAS)	Sensitivity Analysis Methods
Primary Endpoint		
Change from baseline in TET (seconds)	Primary analysis: Two-Way ANOVA model with terms of treatment group and randomization strata (< 7 or ≥ 7 minutes)	Analysis of covariance (ANCOVA) model with terms of treatment group and baseline TET as a continuous measure Repeat primary analysis using the Per Protocol Analysis Set Repeat primary analysis by subgroups, including baseline TET randomization strata, age group and sex (if sample size permits.)
Secondary Endpoints		
Time to onset of exercise-induced angina* (seconds) Time to onset of ≥ 1 mm ST-segment depression (seconds)	Primary analysis: K-M log-rank test stratified by Baseline TET strata (< 7 or ≥ 7 minute) Secondary analysis: Cox proportional hazard model including treatment group and	 Repeat primary and secondary analyses using the Per Protocol Analysis Set Repeat primary and secondary analyses by subgroups including baseline TET randomization strata, age group and sex (if sample size permits)
	baseline TET as a continuous measure	

^{*}includes angina-related symptoms

10.5.1 Analyses of Primary Efficacy Endpoint

The analysis for the primary endpoint, evaluating change from baseline in TET, will be performed using the EAS. The primary hypothesis is that AMG 334 does not substantially decrease exercise capacity, as measured by change from baseline in exercise duration, compared to placebo (ie, the true treatment difference in change from baseline in exercise duration is -90 seconds or more).

In the primary analysis, the primary endpoint will be analyzed using an ANOVA model with terms for treatment group and baseline TET (< 7 or \geq 7 minutes) randomization strata. Adjusted group means for each treatment group, standard error, 90% CI, difference of group means compared to placebo and associated 90% CIs will be tabulated. If the lower bound of the 90% CI of the difference is more than -90 seconds, then the hypothesis that AMG 334 does not substantially decrease exercise duration will be supported.





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 18

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 17

Statistical assumptions for the primary endpoint method of analysis will be assessed. If the assumptions for the primary analysis are not met, then nonparametric methods or suitable transformation will be utilized.

Sensitivity analyses described below will be performed for the primary endpoint using the EAS:

- An analysis of covariance (ANCOVA) model including treatment group and baseline TET as a continuous measure
- The primary analysis will be repeated using the PPS

To assess if the treatment effect varies across subgroups of interest, the primary analysis of the primary endpoint will be repeated and will include an interaction term (treatment group* subgroup) in the ANOVA model. If a treatment group*subgroup interaction is observed at a significance level of 0.10, then the primary analysis may be repeated for each level of the subgroup. In addition, reasons for stopping the ETTr will be summarized by treatment group using the EAS.

10.5.2 Analyses of Secondary Efficacy Endpoints

The secondary endpoints are time to onset of exercise-induced angina and time to onset of ≥ 1 mm ST-segment depression.

For time-to-event endpoints, only the first occurrence will be considered. If no event is observed during ETTr, then this subject will be considered as censored at the end of ETTr.

Kaplan-Meier estimates of the event-free time to ST-segment depression and exercise induced angina will be computed and graphically displayed using the EAS. For each endpoint, a stratified (< 7 or ≥ 7 minute randomization strata) log-rank test statistic will be calculated to compare the two treatment groups at a significance level of 0.10.

As a secondary analysis, the hazard ratio and its 90% CI for AMG 334 vs placebo will be estimated using a stratified (< 7 or ≥ 7 minute randomization strata) Cox proportional hazards regression model. The proportional hazards assumption will be assessed by visual inspection for parallel lines over time in the plot of log-negative-log of the survival function vs. log (time) (Hosmer and Lemeshow, 1999). If there is strong evidence of non-proportional hazards for the treatment group, then a piece-wise Cox model (Collett, 2003) or an accelerated failure time (AFT) model will be considered. Regardless of non-proportionality, the main analysis of the primary endpoint will be in terms of the Cox model.





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 19

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 18

Summary statistics (mean, median, Q1, Q3, and 90% CI) of time to event will be provided by treatment group. The number and percentage of subjects with an observed event will also be provided.

Sensitivity analyses described below will be performed for the secondary endpoints:

 Repeat the secondary analysis (Cox proportional hazards regression) using baseline TET as a continuous measure

Repeat the primary and secondary analysis using PPS

10.6 Safety Analyses

10.6.1 Adverse Events

The Medical Dictionary for Regulatory Activities (MedDRA) version 18.0 or later will be used to code all events categorized as AEs and Disease-related Events (DREs) to a system organ class and a preferred term.

Subject incidence of AEs will be summarized for all treatment-emergent AEs, serious AEs, AEs leading to withdrawal of IP and fatal AEs. Subject incidence of all treatment-emergent AEs, serious AEs, AEs leading to withdrawal of IP and fatal AEs, will be tabulated by system organ class and preferred term in descending order of frequency. Subgroups group analyses (if there is a medical rationale) will be presented by system organ class and preferred term in descending order of frequency. All races (if appropriate) with less than 5% of the total enrolled subjects will be pooled together for summary purposes.

Subject-level data may be provided instead of tables if the subject incidence is low.

Subject incidence of DREs will be summarized for all treatment-emergent DREs and fatal DREs.

10.6.2 Columbia-Suicide Severity Rating Scale (C-SSRS)

No statistical testing will be performed on C-SSRS. The number and percentage of subjects reporting any suicidal ideation and any suicidal behavior will be summarized descriptively by treatment group. Shift table of C-SSRS maximum severity of suicidal ideation/behavior compared to baseline will be provided by treatment group.

10.6.3 Laboratory Test Results

Shifts tables of the laboratory toxicity for selected lab analytes (alanine aminotransferase, aspartate aminotransferase, alkaline phosphatase, total bilirubin, creatinine) based on Common Terminology Criteria for Adverse Events (CTCAE) grade (version 4) relative to baseline will be tabulated by treatment group for entire study





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 20

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 19

period. In the cases when CTCAE grading scales include numeric ranges in combination with clinical assessment (eg, Potassium [Hypokalemia]), laboratory test results may be summarized based on standard normal ranges or by CTCAE grade utilizing investigator's input.

Summary of change from baseline for absolute neutrophil count (ANC), alanine transaminase (ALT), aspartate aminotransferase (AST) and creatinine will also be provided.

Additional liver test summary table will provide the number and percentage of subjects by treatment group for the following categories:

- AST and ALT (> 3x ULN; > 5x ULN; > 10x ULN; > 20x ULN respectively)
- AST or ALT (> 3x ULN; > 5x ULN; > 10x ULN; > 20x ULN respectively)
- Total Bilirubin (> 1x ULN; >1.5x ULN; >2x ULN respectively)
- ALP (>1.5 ULN)
- ALT or AST > 3x ULN and Total Bili ≥ 2x ULN and ALP < 2x ULN

10.6.4 Vital Signs

Descriptive summaries of blood pressures and HR will be provided at baseline and at each study visit. In addition, blood pressures and HR collected during ETTr will be summarized at specific time points (baseline, peak and last measurement). Descriptive summaries will be provided for the maximum change from baseline in SBP and HR on day 1 post dose during ETTr for Country Specific Supplement countries.

10.6.5 Antibody Formation

The incidence and percentage of subjects who develop anti-AMG334 antibodies (binding and if positive, neutralizing) at any time will be tabulated by treatment group.

10.6.6 Exposure to Concomitant Medication

Number and proportion of subjects receiving therapies of interest will be summarized by category for each treatment group as coded by the World Health Organization Drug (WHODRUG) dictionary. See Appendix D for a list of selected medications and their groupings.

10.7 Pharmacokinetic Analysis

All PK-related tables, figures, listings and other deliverables will be generated by PKDM. Serum AMG 334 concentrations will be summarized using descriptive statistics.





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 21

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 20

10.8 Additional Safety Endpoints for Country Specific Supplement Countries

This section is for countries that were originally aligned with EU VHP (European Union Voluntary Harmonization Procedure) requirements. These countries are listed in the Country Specific supplements of the protocol (ie, Czech Republic, Latvia, Romania, Bulgaria and Poland).

After the end of ETT, all subjects will be followed at the site for at least 4 hours. At the end of the 4-hour follow-up period, the following procedures will be performed:

- 12-lead rest ECG in a sitting position
- Blood pressure measurement in a sitting position
- Blood sampling for measurement of cardiac biomarker (troponin I)

Additional visits for anti-AMG334 antibody (Day1 Pre-dose, week 4, and week 12) and C-SSRS (visit 2, visit 3, visit 4, and week 2) will be collected for countries listed in Country Specific Supplement.

These additional data will be included in the analysis.

11. Changes From Protocol-specified Analyses

There are no changes to the protocol-specified analyses.





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 22

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 21

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Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 23

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 22

13. Data Not Covered by This Plan

There are no plans to specifically analyze or summarize the following data points.

- Pk
- Data for biomarker development





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 24

Product: AMG 334

Statistical Analysis Plan: 20140254 Date: 07 January 2017

Date: 07 January 2017 Page 23

14. Appendices





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 25

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 24

Appendix A. Post-baseline Study Visits

Since the actual visit for a subject may not exactly coincide with their targeted visit date, the actual visit date is mapped to the study visit as following. The study day window will be utilized to define study visit for labs, antibody, vital signs and physical measurements collected at office visits.

Study Visit	Target Day	Study Day
Week 4	29	16-43
Week 8	57	44-71
Week 12	85	72 to Min (EOS Date, last IP dose date + 84 days)

Note:

- 1. If more than one visit (including unscheduled visits, ie, CPEVENT = 'UNSCHED') fall within the same defined window, scheduled visit will be used regardless of the distance from the target day. Unscheduled visit will only be used when there is no scheduled visit in the defined window. The closest visit to the target day among the same type of visit (scheduled vs. unscheduled) will be considered for analysis. If two assessment dates are equidistant from the target date, the latter visit will be considered for analysis.
- 2. For Country Specific Supplement countries, CSSRS and ECG data are collected at week 2 (target day 14), corresponding to study day 1-28.





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 26

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 25

Appendix B. Technical Detail and Supplemental Information Regarding Statistical Procedures and Programs

Code Fragments

Section 10.5.1



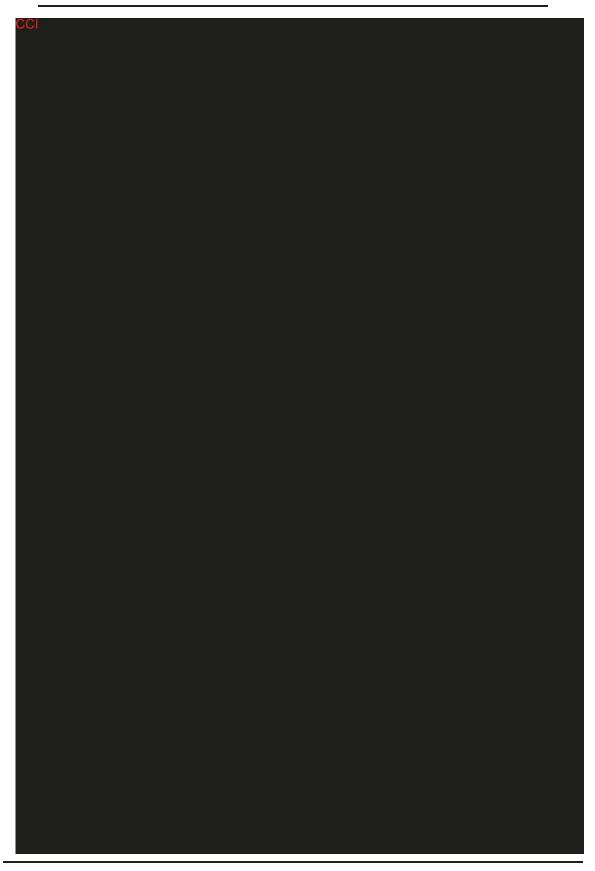


Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 27

Product: AMG 334

Statistical Analysis Plan: 20140254 Date: 07 January 2017 Page 26





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 28

Product: AMG 334

Statistical Analysis Plan: 20140254 Date: 07 January 2017

Date: 07 January 2017 Page 27







Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 29

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 28

Appendix C. Reference Values/Toxicity Grades

Adverse event severity and laboratory parameters are graded based on National Cancer Institute (NCI) Common Toxicity Criteria version 4 or higher, which is available at the following: http://evs.nci.nih.gov/ftp1/CTCAE/CTCAE_4.03_2010-06-

14_QuickReference_5x7.pdf





Clinical Study Report: 20140254 Primary Analysis

Page 30 Date: 13 April 2017

Product: AMG 334

Statistical Analysis Plan: 20140254 Date: 07 January 2017 Page 29

Appendix D. Concomitant Medications

Beta-blockers Beta-blockers BETA BLOCKING AGENTS ADAPROLOL ANTIARRHYTHMIC AGENTS BETA BLOCKING AGENTS BUFETOLOL BUFETOLOL HYDROCHLORIDE DILEVALOL DILEVALOL HYDROCHLORIDE ISAMOLTAN MABUTEROL MABUTEROL MOPROLOL MOPROLOL MOPROLOL HYDROCHLORIDE NADOXOLOL NADOXOLOL NADOXOLOL HYDROCHLORIDE NIFENALOL NIFENALOL NIFENALOL ALPRENOLOL ALPRENOLOL ALPRENOLOL BETA BLOCKING AGENTS, NON-SELECTIVE BETAMED 102298401/ BLOCOTIN BOPINDOLOL BOPINDOLOL BOPINDOLOL BUCINDOLOL BUCINDOLOL BUCINDOLOL BUCINDOLOL BUGINDOLOL BUFURALOL BUFURALOL BUFURALOL BUFURALOL BUFURALOL BUFURALOL BUFURALOL BUFURALOL BUFURALOL BUNITROLOL HYDROCHLORIDE BUNITROLOL BUNITROLOL BUNITROLOL BUNITROLOL BUNITROLOL BUNITROLOL HYDROCHLORIDE	Appendix D. Concomitant Medications			
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BOPINDOLOL FUMARATE BOPINDOLOL MALONATE BUCINDOLOL BUCINDOLOL HYDROCHLORIDE BUFURALOL BUFURALOL HYDROCHLORIDE BUFURALOL HYDROCHLORIDE BUNITROLOL		BLOCOTIN /00716001/		
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		BUNITROLOL HYDROCHLORIDE		





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 31

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 30

BUPRANOLOL

BUPRANOLOL HYDROCHLORIDE

CARAZOLOL CARTEOLOL

CARTEOLOL HYDROCHLORIDE

CLORANOLOL

CLORANOLOL HYDROCHLORIDE

CLOTAS PLUS EXAPROLOL

EXAPROLOL HYDROCHLORIDE

INDENOLOL

INDENOLOL HYDROCHLORIDE

MEPINDOLOL

MEPINDOLOL SULFATE

METIPRANOLOL

METIPRANOLOL HYDROCHLORIDE

NADOLOL NIPRADOLOL

OXPRENOLOL

OXPRENOLOL HYDROCHLORIDE

PENBUTOLOL

PENBUTOLOL SULFATE

PINDOLOL PRONETALOL

PRONETALOL HYDROCHLORIDE

PROPRANOLOL

PROPRANOLOL HYDROCHLORIDE PROPRANOLOL PHENOBARBITAL

SOLOPOSE BETA SOTACOR/ASA

SOTALOL

SOTALOL HYDROCHLORIDE

TENSYN PLUS TERTATOLOL

TERTATOLOL HYDROCHLORIDE

TILISOLOL





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 32

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 31

TILISOLOL HYDROCHLORIDE

TIMOLOL

TIMOLOL HEMIHYDRATE

TIMOLOL MALEATE

TIMOLOL MALEATE, R-ENANTIOMER
TIMOLOL MALEATE, S-ENANTIOMER
ZEPRO /02777801/

ACEBUTOLOL

ACEBUTOLOL HYDROCHLORIDE

ATENOLOL

ATENOLOL HYDROCHLORIDE

BELOC /01739801/

BETA BLOCKING AGENTS, SELECTIVE

BETAXOLOL

BETAXOLOL HYDROCHLORIDE

BEVANTOLOL

BEVANTOLOL HYDROCHLORIDE

BISOBLOCK PLUS

BISOPROLOL

BISOPROLOL FUMARATE

BUCUMOLOL

BUCUMOLOL HYDROCHLORIDE

BUTIDRINE

CELIPROLOL

CELIPROLOL HYDROCHLORIDE

DEXNEBIVOLOL

DIACETOLOL

DIACETOLOL HYDROCHLORIDE

EPANOLOL

ERAMID

ESATENOLOL

ESMOLOL

ESMOLOL HYDROCHLORIDE

LANDIOLOL

LANDIOLOL HYDROCHLORIDE

LEVONEBIVOLOL





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 33

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 32

METOPROLOL

METOPROLOL SUCCINATE
METOPROLOL TARTRATE
METOPROLOL W/MORPHINE

METPURE ST

NEBIVOLOL

NEBIVOLOL HYDROCHLORIDE

PAFENOLOL

PRACTOLOL

SELOKEN ZOC/ASA

TALINOLOL

TOLAMOLOL

TOLAMOLOL HYDROCHLORIDE

ZOLAT /03453901/

ALPHA AND BETA BLOCKING AGENTS

AMINO ACIDS NOS W/CAFFEINE/CARVEDILOL/CHOLINE

AMOSULALOL

AMOSULALOL HYDROCHLORIDE

AROTINOLOL

AROTINOLOL HYDROCHLORIDE

CARVEDILOL

CARVEDILOL HYDROCHLORIDE

CARVEDILOL PHOSPHATE HEMIHYDRATE

LABETALOL

LABETALOL HYDROCHLORIDE

MEDROXALOL

MEDROXALOL HYDROCHLORIDE

PROXODOLOL

BETA BLOCKING AGENTS AND THIAZIDES

BETA BLOCKING AGENTS, NON-SELECTIVE, AND THIA

BETACENTYL

CORGARETIC

CORINDOCOMB





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 34

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 33

DOCIDRAZIN

HIPERDON /00991401/

INDERETIC

INDERIDE

PRESTYL

SOTAZIDE

TIMOLIDE

TORRAT

TRASIDREX

TRI-TORRAT

VISKAZIDE

ATENOLOL W/HYDROCHLOROTHIAZIDE

ATPURE-D

BELOC-ZOC COMP

BETA BLOCKING AGENTS, SELECTIVE, AND THIAZIDE

BISELECT /01166101/

BISOPROLOL W/HYDROCHLOROTHIAZIDE /06833601/

CO-BETALOC

NEATENOL DIU

NEATENOL DIUVAS

NEBICARD-H

RANEZIDE

SECADREX

SECTRAZIDE /00774201/

SELOKEN COMP.

TRELOC

ALPHA AND BETA BLOCKING AGENTS AND THIAZIDES

CO-DILATREND

NORMOZIDE /00897401/

BETA BLOCKING AGENTS AND OTHER DIURETICS

BETA BLOCKING AGENTS, NON-SELECTIVE/90118901/

BETARELIX

HIPERDON /00991401/





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 35

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 34

LASIPRESSIN

SANDORETIC

SPIROPROP

TRASITENSIN

TREPRESS

VISKALDIX

BETA BLOCKING AGENTS, SELECTIVE, AND OTHER DI

INDAPAMIDE W/NEBIVOLOL HYDROCHLORIDE

LOPRESORETIC

NOR-PA

SALI-PRENT

SELECTURON

TEKLO

TENORETIC

TRI-NORMIN

VINICOR D

ALPHA AND BETA BLOCKING AGENTS AND OTHER DIUR

CARVEDILOL + CLORTALIDONA

TRANDIUR

BETA BLOCKING AGENTS, THIAZIDES AND OTHER DIU

BETA BLOCKING AGENTS, NON-SELECTIVE, THIAZIDE

CARDIOTENSIN /01682501/

DOCITEREN

DOCITON 80 DYTIDE H

MODUCREN

BETA BLOCKING AGENTS, SELECTIVE, THIAZIDES AN

KALTEN

KERLIDEX

BETA BLOCKING AGENTS AND VASODILATORS

BETA BLOCKING AGENTS, NON-SELECTIVE, AND VASO

BETA-INTENSAIN

NITRISKEN

NITRO-OBSIDAN





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 36

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 35

OXYCARDIN /00391901/

PRIZIDILOL

PRIZIDILOL HYDROCHLORIDE

PRIZIDILOL HYDROCHLORIDE ANHYDROUS

BETA BLOCKING AGENTS, SELECTIVE, AND VASODILA

MET XL R

METOPROLOL W/RAMIPRIL

NEBICARD V

STARPRESS R

BETA BLOCKING AGENTS AND OTHER ANTIHYPERTENSI

BETA BLOCKING AGENTS, NON-SELECTIVE/90119501/

BETADIPRESAN

INDUCOR

INDUCOR D

OBSILAZIN

REDUPRESS /03518901/

TRASIPRESSOL

TRIMECRYTON

AMLODIPINE W/METOPROLOL

AMLODIPINE W/NEBIVOLOL

AMLONG-A

ARBITEL MT

ATPURE-SA

BELNIF

BETA BLOCKING AGENTS, SELECTIVE, AND OTHER AN

BETAFIT AM

BETAONE AM

CARDIF BETA

CARDIORETIC A

CARVEDIPINA D

CILNIDIPINE W/METOPROLOL SUCCINATE

CILNIPAR M

CONCOR AM





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 37

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 36

CONCORAM

FELODIPINE W/METOPROLOL

FIXOCARD

LOTENSYL AT

MET XL AM

METONCE AM

METOPROLOL W/TELMISARTAN

MODILOC

NEBI AM

NEBICARD-SM

NIF-TEN

NITRENOL

NUSAR-ATN

OLSAR M

RASOTAN BETA

TELISTA MT

TONORMA

TREDALAT

ADAPROLOL

ALCON BETAXOLOL

AZARGA

BAMOSIRAN

BEFUNOLOL

BEFUNOLOL HYDROCHLORIDE

BETA BLOCKING AGENTS

BETALOL /03186001/

BETAXOLOL

BETAXOLOL HCL W/PILOCARPINE HCL

BETAXOLOL HYDROCHLORIDE

BETAXOLOL W/PILOCARPINE

BLOCANOL /01100601/

BRIMONIDINE TARTRATE W/TIMOLOL

BRIMONIDINE W/TIMOLOL





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 38

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 37

CARPILO

CARTEOL /00853401/

CARTEOLOL

CARTEOLOL HYDROCHLORIDE

CARTEOPIL COMBIGAN COSOPT

DORZOLAMIDE W/TIMOLOL

DORZOPT /06421101/

DUOTRAV ELAZOP GANFORT

GLAUTIMOL /06108601/

KRITANTEK OFTENO KRYTANTEK OFTENO

LEVOBUNOLOL

LEVOBUNOLOL HYDROCHLORIDE

METIPRANOLOL

METIPRANOLOL HYDROCHLORIDE

MOPROLOL

MOPROLOL HYDROCHLORIDE

NIPRADOLOL

NORMOGLAUCON /01482401/

PILOBLOQ
PILOFLAX
PINDOLOL
PROXODOLOL
PROXOPHELIN

RIPIX

TAFLUPROST W/TIMOLOL MALEATE

TIMED
TIMOLO
TIMOLOL





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 39

Product: AMG 334

	TIMOLOL HEMIHYDRATE
	TIMOLOL MALEATE
	TIMOLOL MALEATE, R-ENANTIOMER
	TIMOLOL MALEATE, S-ENANTIOMER
	TIMPILO
	VISTAGAN /00844001/
	XALACAR-T
	XALACOM
	ADOCOR /01266201/
Nitrates	ANGIOCARDYL N
	ANGOR
	ASPITRATE G
	BIDIL
	CAFINITRINA /00702101/
	CAFINITRINA /07893501/
	CAFINITRINA RETARD
	CARDIACAP A
	CARDIOSEDANTOL
	CEFAVORA COR /08009401/
	CONVALLARIA MAJALIS W/GLYCERYL TRINITRATE/LEV
	CORANGIL
	DILCORAN /00119101/
	ERITRITYL TETRANITRATE
	ERYTHROMIN /01950501/
	EUCARDIN
	GLYCERYL TRINITRATE
	GLYCERYL TRINITRATE, COMBINATIONS
	GOVIL
	IMAZIN XL
	ISO-NITROLINGUAL
	ISOSORBIDE DINITRATE
	ISOSORBIDE DINITRATE W/SODIUM CHLORIDE
	ISOSORBIDE DINITRATE, COMBINATIONS
	ISOSORBIDE MONONITRATE





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 40

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 39

KORDILAT

MANNITOL HEXANITRATE

METHYLPROPYLPROPANEDIOL DINITRATE

MYANGIN

 MYOCARDON
 /00091601/

 MYOCARDON
 /02403401/

 MYOCARDON
 /03439401/

MYOCORIL

NATIROSE /01832701/

NEO-AKTAL

NITRANGIN COMPOSITUM

NITRAPAMIL
NITRIC OXIDE

NITRO-CRATAEGUTT

NITRODURAT

NITROGLIN

NITROGLYCERIN COMP.

NITROPENT COMP.

NITROTHESAL

NITROUS ETHER SPIRIT

NUNZANGIL

ORGANIC NITRATES

PENTAERITHRITYL TETRANITRATE

PENTANEURAL

PENTOXYLON

PENTRINITROL

PENTRIUM

PROPATYLNITRATE

SEDA-ILDAMEN

SORBANGIL COMP.

SPASMOCOR

STENODILATE

STENOPTIN

TENITRAMINE

THEOPENTRIT

THEOPENTRIT PAPAV





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 41

Product: AMG 334

	TRINITRINE CAFFEINE
	TROLNITRATE
	TROLNITRATE PHOSPHATE
	VISANOCOR
	VISANOCOR N
Calcium channel	VERAPAMIL
blockers	VERAPAMIL HYDROCHLORIDE
bioditoro	ISOPTIN S
	TALUVIAN /00149301/
	LIDOFLAZINE
	PERHEXILINE
	PERHEXILINE MALEATE
	GRADULON
	FENDILINE
	FENDILINE HYDROCHLORIDE
	NIFEDIPINE
	DILTIAZEM
	DILTIAZEM HYDROCHLORIDE
	DILTIAZEM MALATE
	DIGO-SENSIT
	STENOPTIN
	CORDICHIN
	ELTHON /00603601/
	NICARDIPINE
	NICARDIPINE HYDROCHLORIDE
	GALLOPAMIL
	GALLOPAMIL HYDROCHLORIDE
	FELODIPINE
	ISRADIPINE
	TIAPAMIL
	SALI-ADALAT
	BEPRIDIL
	BEPRIDIL HYDROCHLORIDE MONOHYDRATE
	NITRENDIPINE
	TREDALAT
	NISOLDIPINE
	NIF-TEN
	BELNIF
	NIMODIPINE
	VERATIDE





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 42

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 41

OXODIPINE

AMLODIPINE

AMLODIPINE BESILATE
AMLODIPINE MALEATE
AMLODIPINE MESILATE
AMLODIPINE CAMSILATE
AMLODIPINE OROTATE
S AMLODIPINE NICOTINATE

NILVADIPINE

AMLODIPINE ADIPATE

MANIDIPINE

MANIDIPINE HYDROCHLORIDE

LACIDIPINE BENIDIPINE

BENIDIPINE HYDROCHLORIDE

MODILOC EFONIDIPINE

EFONIDIPINE HYDROCHLORIDE

SALOPTASIN BARNIDIPINE

BARNIDIPINE HYDROCHLORIDE

UDRAMIL MIBEFRADIL

MIBEFRADIL HYDROCHLORIDE

LEXXEL

TECZEM /01366001/

LERCANIDIPINE

LERCANIDIPINE HYDROCHLORIDE

CILNIDIPINE VERACAPT UNIMAX

ADIZEM-XL PLUS

ANIPAMIL TILDIAZIDE

OCADRIK /01507301/

AZELNIDIPINE

ENEAS

NIMOREAGIN /01616501/

AMLODIPINE W/BENAZEPRIL

AMLODIPINE BESYLATE W/BENAZEPRIL

AMLODIPINE W/VALSARTAN





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 43

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 42

AMLODIPINE W/HYDROCHLOROTHIAZIDE

AMLONG-A CADUET ARANIDIPINE

SINERGEN

HYDROCHLOROTHIAZIDE W/VERAPAMIL

LOTAR /02225901/

AMLOPRES L RIODIPINE DIOVAN AMLO MET XL AM TONORMA FIXOCARD

LOTRIX /03460001/

NIMOSOMAZINA

REDUPRESS /03518901/

NAPRIX A
ASOMEX-D
CARDIF BETA
LOTENSYL AT
ATPURE-SA
NEBICARD-SM
ACEDIP
CLEVIDIPINE
ANTROLIN
CARDIORETIC A
NITRENOL
ETIPRESS-D

MAXIDIPIN DIU NIFEDIP D CARVEDIPINA D

INDUCOR INDUCOR D BETAONE AM

AZOR /06230801/

AMLOZAAR-H TWYNSTA TELSAR-A DIOVAN TRIPLE OROSPREVENT COVERAM





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 44

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 43

NEMOCEBRAL PLUS

LEVAMLODIPINE

LEVAMLODIPINE BESILATE
LEVAMLODIPINE MALATE
LEVAMLODIPINE MALEATE
FELODIPINE W/METOPROLOL
NIFEDIPINE W/TELMISARTAN

PONTUC DIRONORM COZAAR XQ

BENITEC A /06541301/

OLMESAFE AM CONCOR AM CANDESAR A

AMLODIPINE W/ATORVASTATIN

TRIBENZOR ATACAND DUO

AMLODIPINE MALEATE W/BENAZEPRIL

HYDROCHLORIDE RASILEZ AMLO AMTAS PRP FLORDIPINE NIGULDIPINE NORVERAPAMIL AZIDOPINE

AMLODIPINE W/BENAZEPRIL HYDROCHLORIDE

VIVACE /06864501/

FENSARTAN UNIMAX

AMTURNIDE

IGANIDIPINE

AVOTIN

AZELNIDIPINE W/OLMESARTAN MEDOXOMIL

AMLODIPINE BESILATE W/ATORVASTATIN CALCIUM

TR

MOXOVAS A OLMAT AMH

TEKAMLO /07156301/

AMI ODIPINE

W/HYDROCHLOROTHIAZIDE/VALSARTAN

NATRILAM BETAFIT AM CILACAR T





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 45

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 44

MODLIP AM

NEBI AM

DILVAS AM

R PRIL AM

AMLODAC D

TELMICHEK AH

RASITRIO

DUPLECOR

PERINDOPRIL ARG/AMLODIPINE FISHER

CONCORAM

AMLATOR

TAH

ENALAPRIL W/NITRENDIPINE

APROVASC

COROVAL B

ZANERIL

ENALAPRIL W/LERCANIDIPINE

AMLODIPINE W/OLMESARTAN

ANOBLISS

ASOMEX TM

RAMI ASOMEX

CILNIPAR M

ASOMEX LTH

METONCE AM

ROSUCOR PLUS

AMLODIPINE W/NEBIVOLOL

AMLODIPINE W/INDAPAMIDE/PERINDOPRIL

LERCANIDIPINE HYDROCHLORIDE W/VALSARTAN

LEVAMLODIPINE BESILATE W/VALSARTAN

AMLODIPINE W/CHLORTALIDONE/LOSARTAN

POTASSIUM

CILNIDIPINE W/OLMESARTAN MEDOXOMIL

AMLODIPINE OROTATE W/VALSARTAN

HYDROCHLOROTHIAZIDE W/LEVAMLODIPINE

BESILATE

AMLODIPINE MESILATE

W/HYDROCHLOROTHIAZIDE/VAL

AMLODIPINE W/CHLORTALIDONE/OLMESARTAN

MEDOXOM

AMLODIPINE W/CHLORTALIDONE/TELMISARTAN

AMLODIPINE BESILATE W/INDAPAMIDE/PE/08715301/

AMLODIPINE BESILATE W/PERINDOPRIL TOSILATE

AMLODIPINE BESILATE W/INDAPAMIDE/PE/08717501/





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 46

Product: AMG 334

	_
	CILNIDIPINE W/VALSARTAN
	AMLODIPINE BESILATE W/AZILSARTAN
	ATORVASTATIN CALCIUM W/LEVAMLODIPINE BESILATE
	CILNIDIPINE W/METOPROLOL SUCCINATE
	AMLODIPINE W/METOPROLOL
	AMLODIPINE BESILATE W/CANDESARTAN CILEXETIL/H AMLODIPINE W/LISINOPRIL/ROSUVASTATIN
	AMLODIPINE W/ROSUVASTATIN
	AMLODIPINE ADIPATE W/VALSARTAN
	AMLODIPINE W/CLOPIDOGREL BISULFATE
	CHLORTALIDONE W/CILNIDIPINE/TELMISARTAN
	AMLODIPINE OROTATE W/OLMESARTAN MEDOXOMIL CALCIUM CHANNEL BLOCKERS
	SELECTIVE CALCIUM CHANNEL BLOCKERS WITH MAINL
	DIHYDROPYRIDINE DERIVATIVES
	SELECTIVE CALCIUM CHANNEL BLOCKERS WITH DIREC
	PHENYLALKYLAMINE DERIVATIVES
	BENZOTHIAZEPINE DERIVATIVES
	NON-SELECTIVE CALCIUM CHANNEL BLOCKERS
Ranolazine	Ranolazine
ACE inhibitors	CAPTOPRIL
7.0E IIIIIbilois	ENALAPRIL
	ENALAPRIL MALEATE
	CAPOZIDE
	PERINDOPRIL
	PERINDOPRIL ERBUMINE
	PERINDOPRIL ARGININE
	PERINDOPRIL TOSILATE
	QUINAPRIL
	QUINAPRIL HYDROCHLORIDE
	CILAZAPRIL
	CILAZAPRIL MONOHYDRATE
	RAMIPRIL
	LISINOPRIL
	LISINOPRIL DIHYDRATE
	VASERETIC
	SPIRAPRIL
	SPIRAPRIL HYDROCHLORIDE





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 47

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 46

BENAZEPRIL

BENAZEPRIL HYDROCHLORIDE

FOSINOPRIL

FOSINOPRIL SODIUM

ENALAPRILAT

ZOFENOPRIL

ZOFENOPRIL CALCIUM

ALACEPRIL

DELAPRIL

DELAPRIL HYDROCHLORIDE

GEZOR

TRANDOLAPRIL

CIBADREX

SALUTEC

ARELIX ACE

DYNORM PLUS

QUINAPRILAT

QUINAPRILAT HYDRATE

TEMOCAPRIL

TEMOCAPRIL HYDROCHLORIDE

IMIDAPRIL

IMIDAPRIL HYDROCHLORIDE

MOEXIPRIL

MOEXIPRIL HYDROCHLORIDE

UDRAMIL

ELIDIUR

LEXXEL

TECZEM /01366001/

VERACAPT

LASITACE

DELAPRIDE

PRIMOX PLUS

UNIMAX

BI PREDONIUM

BENAZEPRILAT

PENTOPRIL

IDRAPRIL

MOVELTIPRIL

CERONAPRIL

TRANDOLAPRILAT

UTIBAPRIL

ZABICIPRIL





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 48

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 47

LIBENZAPRIL

DINAPRES

OCADRIK /01507301/

ENEAS

CARACE PLUS /01613901/

AMLODIPINE W/BENAZEPRIL

AMLODIPINE BESYLATE W/BENAZEPRIL ALENDRONATE SODIUM W/QUINAPRIL

HYDROCHLORIDE

SINERGEN AMLOPRES L LORAM-H ENZIX

LOTRIX /03460001/

ARBITACE

ORAS /03528201/

TERAM
NAPRIX A
ACEDIP
M 100240
VASCORIDE
CARDIO-PRES D
CARSIPRIL D
RAMICAR D
CVPILL

NORMATEN /06267401/

ATOCOR-R
MODLIP-CAD
OLMY-R
ADPACE
BIFRIL PLUS
PERINDO COMBI
COVERAM

PRETERAX ARGININE

ZESTORETIC

INDAPAMIDE W/PERINDOPRIL

HYDROCHLOROTHIAZIDE W/QUINAPRIL FOSINOPRIL W/HYDROCHLOROTHIAZIDE ENAP-HL /06436201/

CAPTOPRIL W/ENALAPRIL

DIRONORM POLYCAP ZOPRANOL PLUS





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 49

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 48

AMLODIPINE MALEATE W/BENAZEPRIL

HYDROCHLORIDE

AMTAS PRP

CILAZAPRIL MONOHYDRATE W/HYDROCHLOROTHIAZIDE

GEMOPATRILAT

HYDROCHLOROTHIAZIDE W/MOEXIPRIL

FASIDOTRIL UTIBAPRILAT MOEXIPRILAT

MOEXIPRILAT HYDROCHLORIDE

OMAPATRILAT

AMLODIPINE W/BENAZEPRIL HYDROCHLORIDE

BENAZEPRIL W/HYDROCHLOROTHIAZIDE

VIVACE /06864501/

CAPTRAL ASA RAMEY D STARPRESS R DILVAS AM R PRIL AM VALZAAR R

TERAM H METPURE AR

PERINDOPRIL ARG/AMLODIPINE FISHER

LOTRIAL VAS

ENALAPRIL W/NITRENDIPINE

SINCRONIUM /07912401/

COROVAL B ZANERIL

ENALAPRIL W/LERCANIDIPINE

RAMITORVA METOZ R MET XL R RAMI ASOMEX

PERINDOPRIL TOSILATE/ INDAPAMIDE

METOPROLOL W/RAMIPRIL

SAMPATRILAT

AMLODIPINE W/INDAPAMIDE/PERINDOPRIL

GLIMEPIRIDE W/METFORMIN HYDROCHLORIDE/RAMIPRI ATORVASTATIN CALCIUM W/GLIMEPIRIDE//08698201/ AMLODIPINE BESILATE W/INDAPAMIDE/PE/08715301/

AMLODIPINE BESILATE W/PERINDOPRIL TOSILATE





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 50

Product: AMG 334

	AMLODIPINE BESILATE
	W/INDAPAMIDE/PE/08717501/
	AMLODIPINE W/LISINOPRIL/ROSUVASTATIN
	TEMOCAPRILAT
	INDAPAMIDE HEMIHYDRATE W/PERINDOPRIL
	ARGININE
	ACE INHIBITORS, PLAIN
	ACE INHIBITORS, COMBINATIONS
	ACE INHIBITORS AND CALCIUM CHANNEL
	BLOCKERS
	ACE INHIBITORS
Angiotensin	LOSARTAN
_	LOSARTAN POTASSIUM
receptor blockers	HYZAAR
	TASOSARTAN
	SAPRISARTAN
	SAPRISARTAN POTASSIUM
	VALSARTAN
	IRBESARTAN
	IRBESARTAN HYDROCHLORIDE
	CO-DIOVAN
	EPROSARTAN
	EPROSARTAN MESILATE
	CANDESARTAN
	CANDESARTAN CILEXETIL
	KARVEA HCT
	BLOPRESS PLUS
	TELMISARTAN
	HYDROCHLOROTHIAZIDE W/LOSARTAN
	AMLODIPINE W/VALSARTAN
	OLMESARTAN
	OLMESARTAN MEDOXOMIL
	BENICAR HCT
	CANDESARTAN W/HYDROCHLOROTHIAZIDE
	LOTAR /02225901/
	DIOVAN AMLO
	LORAM-H
	NUSAR-ATN
	ARBITACE
	ORAS /03528201/
	TERAM
	DIOCOMB SI
	AZOR /06230801/
	AMLOZAAR-H
	TWYNSTA
	TELSAR-A
	DIOVAN TRIPLE
	OLMY-R
	LOSAR BETA-H
	ADPACE





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 51

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 50

VALTURNA

EMBUSARTAN

PRITORPLUS

EMESTAR PLUS

NIFEDIPINE W/TELMISARTAN

HYDROCHLOROTHIAZIDE W/OLMESARTAN

COZAAR XQ PLEOTOR T

BENITEC A /06541301/

OLMESAFE AM CANDESAR A **TRIBENZOR** ATACAND DUO **ABITESARTAN**

RIPISARTAN

AZILSARTAN

AZILSARTAN MEDOXOMIL AZILSARTAN KAMEDOXOMIL

POMISARTAN PRATOSARTAN FENSARTAN UNIMAX

OLSAR M

AZELNIDIPINE W/OLMESARTAN MEDOXOMIL

OLMAT AMH **AMLODIPINE**

W/HYDROCHLOROTHIAZIDE/VALSARTAN

CO IRABEL CILACAR T INDITEL D ZIVAST L VALZAAR R

NEBICARD V TERAM H

RASOTAN BETA TELISTA MT

TELMICHEK AH EDARBYCLOR FIMASARTAN

FIMASARTAN POTASSIUM TRIHYDRATE

TELROSE CTD L ARBITEL MT

TAH

APROVASC

AMLODIPINE W/OLMESARTAN

ERITEL CH OLMESAT ID

ALISKIREN W/VALSARTAN

METOZ L

METOPROLOL W/TELMISARTAN





Clinical Study Report: 20140254 Primary Analysis

Date: 13 April 2017 Page 52

Product: AMG 334

Statistical Analysis Plan: 20140254

Date: 07 January 2017 Page 51

ASOMEX TM OLMESAR AV

ASOMEX LTH

IRBESARTAN W/TRICHLORMETHIAZIDE FIMASARTAN POTASSIUM TRIHYDRATE

W/HYDROCHLORO

LERCANIDIPINE HYDROCHLORIDE W/VALSARTAN

LEVAMLODIPINE BESILATE W/VALSARTAN AMLODIPINE W/CHLORTALIDONE/LOSARTAN

POTASSIUM

CHLORTALIDONE W/OLMESARTAN MEDOXOMIL CILNIDIPINE W/OLMESARTAN MEDOXOMIL AMLODIPINE OROTATE W/VALSARTAN

AMLODIPINE MESILATE

W/HYDROCHLOROTHIAZIDE/VAL

ATORVASTATIN CALCIUM W/IRBESARTAN

AMLODIPINE W/CHLORTALIDONE/OLMESARTAN

MEDOXOM

AMLODIPINE W/CHLORTALIDONE/TELMISARTAN OLMESARTAN MEDOXOMIL W/ROSUVASTATIN CALCIUM

CILNIDIPINE W/VALSARTAN

ROSUVASTATIN CALCIUM W/VALSARTAN AMLODIPINE BESILATE W/AZILSARTAN AMLODIPINE BESILATE W/CANDESARTAN

CILEXETIL/H

AMLODIPINE ADIPATE W/VALSARTAN

CHLORTALIDONE W/CILNIDIPINE/TELMISARTAN

AMLODIPINE OROTATE W/OLMESARTAN

MEDOXOMIL

SACUBITRIL W/VALSARTAN

ANGIOTENSIN II ANTAGONISTS, PLAIN

ANGIOTENSIN II ANTAGONISTS, COMBINATIONS ANGIOTENSIN II ANTAGONISTS AND CALCIUM

CHANNE



