



Clinical Trial Results Website

Sponsor

Novartis Pharmaceuticals

Generic Drug Name

Not applicable

Trial Indication(s)

Non-alcoholic Fatty Liver Disease
Non-alcoholic Steatohepatitis

Protocol Number

CADPT02A12001

Protocol Title

NASH EXploratory Single and COmbination Treatment (NEXSCOT): An open label, multicenter, platform study to evaluate the safety, tolerability, pharmacokinetics and efficacy of various single and combination treatments in patients with non-alcoholic fatty liver disease (NAFLD) who manifest a non-alcoholic steatohepatitis (NASH)-like biomarker phenotype

Clinical Trial Phase

Phase 2

Phase of Drug Development

Phase 2

Study Start/End Dates



Clinical Trial Results Website

Study Start Date: June 04, 2020 (Actual)

Primary Completion Date: January 06, 2022 (Actual)

Study Completion Date: January 06, 2022 (Actual)

Reason for Termination (If applicable)

Sponsor Decision

Study Design/Methodology

This was a Phase II, non-confirmatory, multicenter, open label, platform study in NAFLD participants with a NASH-like biomarker phenotype to examine the effects of single and combination therapies over 12 weeks of treatment

Centers

10 centers in 3 countries: United States(8), Germany(1), Argentina(1)

Objectives:

Primary Objective: To determine the safety and tolerability of single or combination therapy during 12 weeks of treatment

Secondary objectives:

- To determine the effect of single or combination therapy on circulating markers of ongoing liver fibrosis
- To determine the effect of single or combination therapy on intrahepatic lipid content
- To determine the effect of single or combination therapy on cardio-metabolic risk parameters
- To determine the effect of single or combination therapy on circulating markers of liver and/or systemic inflammation
- To evaluate the pharmacokinetics (PK) of each individual agent when administered as a single or combination therapy

Test Product (s), Dose(s), and Mode(s) of Administration

LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks. LYS006 20 mg was administered orally twice per day (b.i.d) in addition to LJN452 200ug administered orally once daily for 12 weeks

Statistical Methods

Formal statistical analyses were not performed on the safety and tolerability data.

A mixed-effects model for repeated measures (MMRM) analysis was conducted for log-transformed ratio to baseline in ELF Test and ALT. The model included effects for treatment, visit, treatment by visit interaction, stratification factor (race and BMI stratum at baseline), log-transformed baseline, and log-transformed baseline by visit interaction. An unstructured variance-covariance matrix was used to account for correlation among multiple measurements from the same participant and variance heterogeneity. If the unstructured covariance caused model convergence issues, then other simpler covariance structures were considered. Least squares mean, the associated 2-sided 80% confidence interval and the p-value were obtained for each treatment at each visit and back transformed to the original scale.

Study Population: Key Inclusion/Exclusion Criteria

Inclusion Criteria:

- Phenotypic diagnosis of NASH based on the presence of all of the following:
 - ALT \geq 43 IU/L (males) or \geq 28 IU/L (females)
 - BMI \geq 27 kg/m² (race other than Asian) or \geq 23 kg/m² (Asian race)
 - History of type 2 diabetes mellitus with HbA1c \leq 9%
 - ELF test score \geq 8.5 and \leq 10.5
 - Liver fat \geq 8%
- Patients must weigh between 40 kg (88 lbs.) and 150 kg (330 lbs.)

Exclusion Criteria:

- Use of other investigational drugs within 5 half-lives of randomization or within 3 months, whichever is longer
- Use of obeticholic acid (OCA) or pharmacologically-active weight loss drugs within 1 month of randomization
- Use of strong CYP3A4/5 inhibitors or strong CYP3A4 inducers within 5 half-lives or 7 days of randomization, whichever is longer
- History or presence of other concomitant liver diseases
- History or current diagnosis of ECG abnormalities

Clinical Trial Results Website

- Patients with contraindications to MRI imaging
- Current or history of significant alcohol consumption
- Clinical evidence of hepatic decompensation or severe liver impairment
- Women of child bearing potential (unless on highly effective methods of contraception)
- Presence of liver cirrhosis
- Use of OAT3 inhibitors within 5 half-lives or 7 days of randomization, whichever is longer

Participant Flow Table
Overall Study

	LYS006	LYS006 + LJN452	Total
Arm/Group Description	LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks	LYS006 20 mg was administered orally twice per day (b.i.d) in addition to LJN452 200ug administered orally once daily for 12 weeks	
Started	20	21	41
PD analysis set	20	17	37
Completed	16	15	31
Not Completed	4	6	10
Adverse Event	0	3	3
Study Terminated by Sponsor	4	2	6
Withdrawal by Subject	0	1	1

Baseline Characteristics

LYS006
LYS006 + LJN452
Total

Clinical Trial Results Website

Arm/Group Description	LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks	LYS006 20 mg was administered orally twice per day (b.i.d) in addition to LJN452 200ug administered orally once daily for 12 weeks	
Number of Participants [units: participants]	20	21	41
Age Continuous (units: Year) Analysis Population Type: Participants Mean ± Standard Deviation	52.0±9.23	54.9±8.36	53.5±8.81
Sex: Female, Male (units: Participants) Analysis Population Type: Participants Count of Participants (Not Applicable)			
Female	11	11	22
Male	9	10	19
Race (NIH/OMB) (units: Participants) Analysis Population Type: Participants Count of Participants (Not Applicable)			
American Indian or Alaska Native	0	0	0
Asian	0	1	1
Native Hawaiian or Other Pacific Islander	0	1	1
Black or African American	1	1	2
White	19	17	36
More than one race	0	1	1
Unknown or Not Reported	0	0	0

Primary Outcome Result(s)

1.1 Number of Participants with Adverse Events (AEs) and Serious Adverse Events (SAEs)

Description Number of participants with AEs and SAEs including significant changes from baseline in vital signs, electrocardiograms and laboratory parameters qualifying and reported as AEs. The number of participants in each category is reported in the table.

Time Frame From the start of treatment to 28 days after end of treatment, assessed up to maximum duration of 113 Days

	LYS006	LYS006 + LJN452
Arm/Group Description	LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks	LYS006 20 mg was administered orally twice per day (b.i.d) in addition to LJN452 200ug administered orally once daily for 12 weeks
Number of Participants Analyzed [units: participants]	20	21
Number of Participants with Adverse Events (AEs) and Serious Adverse Events (SAEs) (units: Participants)	Count of Participants (Not Applicable)	Count of Participants (Not Applicable)
AEs	14 (70%)	17 (80.95%)
Treatment-related AEs	2 (10%)	15 (71.43%)
SAEs	0 (%)	0 (%)
AEs leading to discontinuation of study treatment	0 (%)	3 (14.29%)

Secondary Outcome Result(s)

1.2 Change From Baseline in Non-invasive Markers of Hepatic Fibrosis: Enhanced Liver Fibrosis Test (ELF) Score

Description The markers of fibrosis assessed in this test comprised hyaluronic acid (HA), tissue inhibitor of metalloproteinase (TIMP1) and procollagen III N-terminal peptide (PIIINP); these are components of the extracellular matrix and basement sinusoidal membrane of the liver and are elevated during fibrogenesis as a result of activation of the hepatic stellate cell. The ELF test is a composite score: < 7.7: no to mild fibrosis; ≥ 7.7 - < 9.8: Moderate fibrosis; ≥ 9.8 - < 11.3: Severe fibrosis; ≥ 11.3: Cirrhosis. Baseline is defined as the last non-missing measurement taken at the Screening and Baseline visits (prior to the first dose of study drug administered at the Day 1). A negative change from Baseline indicates decreased fibrosis.

Time Frame Baseline and Days 57, 85 and EOS (Day 113)

	LYS006	LYS006 + LJN452
Arm/Group Description	LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks	LYS006 20 mg was administered orally twice per day (b.i.d) in addition to LJN452 200ug administered orally once daily for 12 weeks
Number of Participants Analyzed [units: participants]	20	17
Change From Baseline in Non-invasive Markers of Hepatic Fibrosis: Enhanced Liver Fibrosis Test (ELF) Score (units: Scores on a scale)	Mean ± Standard Deviation	Mean ± Standard Deviation
Day 57	-0.25 ± 0.564	0.29 ± 0.286
Day 85	-0.12 ± 0.780	0.18 ± 0.687
EOS	0.01 ± 0.713	0.09 ± 0.461

1.3 Change from Baseline in Cholesterol: fasting lipid profile endpoint

Description Fasting lipid profile (total cholesterol) was examined as a cardiometabolic risk parameter. Total cholesterol was measured on blood samples under fasted conditions and analyzed at a central laboratory. Baseline is defined as the last non-missing measurement taken at the Screening and Baseline visits (prior to the first dose of study drug administered at the Day 1). A negative change from Baseline indicates cardiovascular risk.

Clinical Trial Results Website

Time Frame Baseline and Days 15, 29, 43, 57, 85 and EOS (Day 113)

	LYS006	LYS006 + LJN452
Arm/Group Description	LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks	LYS006 20 mg was administered orally twice per day (b.i.d) in addition to LJN452 200ug administered orally once daily for 12 weeks
Number of Participants Analyzed [units: participants]	20	17
Change from Baseline in Cholesterol: fasting lipid profile endpoint (units: mmol / L)	Mean ± Standard Deviation	Mean ± Standard Deviation
Day 15	-0.025 ± 0.5814	0.086 ± 0.8825
Day 29	-0.058 ± 0.6058	0.431 ± 1.0688
Day 43	-0.109 ± 0.6758	0.474 ± 1.0364
Day 57	-0.246 ± 0.6341	0.463 ± 1.3026
Day 85	0.001 ± 0.8558	0.754 ± 0.9915
EOS	-0.283 ± 1.1182	0.249 ± 0.5175

1.4 Change from Baseline in percent liver fat at day 85

Description Percent (%) Liver fat was measured by Magnetic Resonance Imaging Proton Density Liver Fat Fraction (MRIPDFF). Participants underwent magnetic resonance imaging twice during the course of the study (baseline and end of treatment) to quantitate liver fat. Baseline is defined as the last non-missing measurement taken at the Screening and Baseline visits (prior to the first dose of study drug administered at the Day 1). A negative change from Baseline indicates a reduction in a component of NAFLD.

Time Frame Baseline and Day 85

	LYS006	LYS006 + LJN452
Arm/Group Description	LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks	LYS006 20 mg was administered orally twice per day (b.i.d) in addition to

LJN452 200ug administered orally once daily for 12 weeks

Number of Participants Analyzed [units: participants]	14	11
Change from Baseline in percent liver fat at day 85 (units: Percentage of Liver Fat)	Mean ± Standard Deviation	Mean ± Standard Deviation
Day 85	-3.74 ± 3.470	-7.52 ± 5.846

1.5 Change From Baseline in Total Body Weight

Description Body weight (to the nearest 0.1 kilogram [kg]) was measured on a calibrated scale. The measurement was performed with the study participant in underwear and without shoes; or while wearing minimal indoor clothing. Baseline is defined as the last non-missing measurement taken at the Screening and Baseline visits (prior to the first dose of study drug administered at the Day 1). A negative change from Baseline indicates improvement in obesity.

Time Frame Baseline and Days 15, 29, 43, 57, 85 and EOS (Day 113)

	LYS006	LYS006 + LJN452
Arm/Group Description	LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks	LYS006 20 mg was administered orally twice per day (b.i.d) in addition to LJN452 200ug administered orally once daily for 12 weeks
Number of Participants Analyzed [units: participants]	20	17
Change From Baseline in Total Body Weight (units: kg)	Mean ± Standard Deviation	Mean ± Standard Deviation
Day 15	-0.21 ± 1.412	-1.09 ± 2.030
Day 29	-0.27 ± 1.513	-1.17 ± 2.455
Day 43	-0.24 ± 1.664	-1.94 ± 2.780
Day 57	-0.48 ± 1.548	-2.97 ± 3.144
Day 85	-0.54 ± 2.334	-3.33 ± 2.892
EOS	0.17 ± 2.753	-2.56 ± 2.789

1.6 Change from Baseline in Homeostasis Model Assessment of Insulin Resistance (HOMA-IR) at Day 85

Description HOMA-IR is a test that uses a simultaneous fasting blood glucose test and fasting insulin test to accurately estimate the degree of insulin resistance (IR) and β -cell function (the cells of the pancreas that produce insulin). HOMA-IR scores are classified as follows: Insulin sensitive is considered less than 1.0, Healthy is considered 0.5-1.4, Above 1.8 is early insulin resistance and Above 2.7 is considered significant insulin resistance. $HOMA-IR = \frac{\text{Fasting glucose (mmol/L)} \times (\text{fasting insulin (pmol/L)} / 6)}{22.5}$. Baseline is defined as the last non-missing measurement taken at the Screening and Baseline visits (prior to the first dose of study drug administered at the Day 1). A negative change from Baseline indicates improvement in insulin sensitivity.

Time Frame Baseline and Day 85

	LYS006	LYS006 + LJN452
Arm/Group Description	LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks	LYS006 20 mg was administered orally twice per day (b.i.d) in addition to LJN452 200ug administered orally once daily for 12 weeks
Number of Participants Analyzed [units: participants]	14	9
Change from Baseline in Homeostasis Model Assessment of Insulin Resistance (HOMA-IR) at Day 85 (units: HOMA-IR score)	Mean ± Standard Deviation	Mean ± Standard Deviation
	-3.74 ± 9.865	1.67 ± 7.741

1.7 Change from baseline in Fasting Glucose

Description Fasting Glucose was examined as a cardiometabolic risk parameter. Total fasting glucose was measured on blood samples under fasted conditions and analyzed at a central laboratory. Baseline is defined as the last non-missing measurement taken at the Screening and Baseline visits (prior to the first dose of study drug administered at the Day 1). A negative change from Baseline indicates improvement in glycemic control.

Time Frame Baseline and Days 15, 29, 43, 57, 85 and EOS (Day 113)

	LYS006	LYS006 + LJN452
Arm/Group Description	LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks	LYS006 20 mg was administered orally twice per day (b.i.d) in addition to LJN452 200ug administered orally once daily for 12 weeks
Number of Participants Analyzed [units: participants]	20	17
Change from baseline in Fasting Glucose (units: mmol / L)	Mean ± Standard Deviation	Mean ± Standard Deviation
Day 15	0.26 ± 2.609	0.26 ± 2.402
Day 29	-0.04 ± 3.541	0.61 ± 2.362
Day 43	-0.53 ± 3.655	1.05 ± 2.449
Day 57	-0.82 ± 3.176	0.84 ± 1.960
Day 85	-1.74 ± 3.810	0.41 ± 2.023
EOS	-1.01 ± 3.627	-0.40 ± 1.563

1.8 Change from Baseline in Fasting Insulin at Day 85

Description Fasting insulin was examined as a cardiometabolic risk parameter. Total fasting insulin was measured on blood samples under fasted conditions and analyzed at a central laboratory. Baseline is defined as the last non-missing measurement taken at the Screening and Baseline visits (prior to the first dose of study drug administered at the Day 1). A negative change from Baseline indicates improvement in insulin sensitivity.

Time Frame Baseline and Day 85

	LYS006	LYS006 + LJN452
Arm/Group Description	LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks	LYS006 20 mg was administered orally twice per day (b.i.d) in addition to LJN452 200ug administered orally once daily for 12 weeks
Number of Participants Analyzed [units: participants]	14	9

Clinical Trial Results Website

Change from Baseline in Fasting Insulin at Day 85
(units: pmol / L)

Mean ± Standard Deviation	Mean ± Standard Deviation
-28.36 ± 139.23	14.23 ± 63.875

1.9 Change from baseline in Hemoglobin A1c (HbA1c)

Description HbA1c was examined as a cardiometabolic risk parameter. HbA1c was measured on blood samples under fasted conditions and analyzed at a central laboratory. Baseline is defined as the last non-missing measurement taken at the Screening and Baseline visits (prior to the first dose of study drug administered at the Day 1). A negative change from Baseline indicates improvement in glycemic control.

Time Frame Baseline and Days 15, 29, 43, 57, 85 and EOS (Day 113)

	LYS006	LYS006 + LJN452
Arm/Group Description	LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks	LYS006 20 mg was administered orally twice per day (b.i.d) in addition to LJN452 200ug administered orally once daily for 12 weeks
Number of Participants Analyzed [units: participants]	20	17
Change from baseline in Hemoglobin A1c (HbA1c) (units: Percentage)	Mean ± Standard Deviation	Mean ± Standard Deviation
Day 15	0.10 ± 0.194	0.08 ± 0.338
Day 29	0.03 ± 0.431	0.21 ± 0.487
Day 43	-0.02 ± 0.544	0.31 ± 0.884
Day 57	-0.11 ± 0.730	0.36 ± 0.680
Day 85	-0.48 ± 0.834	-0.03 ± 0.863
EOS	-0.59 ± 0.961	0.34 ± 0.359

1.10 Change from Baseline in Alanine aminotransferase (ALT)

Description Alanine aminotransferase (ALT) is an enzyme found primarily in the liver. ALT is increased with liver damage. In this study, the blood levels of ALT was used to detect liver inflammation. Baseline is defined as the mean of the last 2 non-missing measurements taken at the Screening and Baseline visits (prior to the first dose of study drug administered at the Day 1). A negative change from Baseline indicates a reduction in liver inflammation.

Time Frame Baseline and days 15, 29, 43, 57, 85 and EOS (Day 113)

	LYS006	LYS006 + LJN452
Arm/Group Description	LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks	LYS006 20 mg was administered orally twice per day (b.i.d) in addition to LJN452 200ug administered orally once daily for 12 weeks
Number of Participants Analyzed [units: participants]	20	17
Change from Baseline in Alanine aminotransferase (ALT) (units: U / L)	Mean ± Standard Deviation	Mean ± Standard Deviation
Day 15	0.97 ± 18.255	-19.75 ± 25.617
Day 29	-6.92 ± 22.166	-9.63 ± 13.774
Day 43	-11.13 ± 21.624	-8.68 ± 14.573
Day 57	-12.09 ± 25.401	-17.04 ± 12.841
Day 85	-7.21 ± 34.702	-11.14 ± 26.318
EOS	-14.50 ± 29.619	-8.05 ± 14.570

1.11 Change from baseline in High-sensitivity C-reactive Protein (hsCRP)

Description High-sensitivity C-reactive protein is a blood test marker for inflammation in the body. HsCRP was measured from a blood sample and analyzed at a central laboratory. Baseline is defined as the last non-missing measurement taken at the Screening and Baseline visits (prior to the first dose of study drug administered at the Day 1). A negative change from Baseline indicates a reduction in liver inflammation.

Time Frame Baseline and Days 57, 85 and EOS (Day 113)

	LYS006	LYS006 + LJN452
Arm/Group Description	LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks	LYS006 20 mg was administered orally twice per day (b.i.d) in addition to LJN452 200ug administered orally once daily for 12 weeks
Number of Participants Analyzed [units: participants]	20	17
Change from baseline in High-sensitivity C-reactive Protein (hsCRP) (units: mg / L)	Mean ± Standard Deviation	Mean ± Standard Deviation
Day 57	-0.32 ± 2.192	-7.78 ± 27.500
Day 85	-0.62 ± 2.180	0.24 ± 1.692
EOS	0.19 ± 3.432	0.05 ± 1.015

1.12 LYS006 plasma concentration

Description LYS006 plasma concentrations were determined by a validated liquid chromatography with tandem mass spectrometry (LC-MS/MS) method. No methods for imputation of missing data were used.

Time Frame pre-dose at Days 1, 29, 57 and 85 and post-dose (1, 2, 3 and 4 hours) at Days 29 and 57

	LYS006	LYS006 + LJN452
Arm/Group Description	LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks	LYS006 20 mg was administered orally twice per day (b.i.d) in addition to LJN452 200ug administered orally once daily for 12 weeks
Number of Participants Analyzed [units: participants]	20	21
LYS006 plasma concentration (units: ng / mL)	Mean ± Standard Deviation	Mean ± Standard Deviation
Day 1 (0 h)	0.162 ± 0.648	0.00 ± 0.00
Day 29 (0 h)	78.9 ± 74.0	53.5 ± 74.9

Clinical Trial Results Website

Day 29 (1 h)	174 ± 89.6	169 ± 105
Day 29 (2 h)	224 ± 113	189 ± 105
Day 29 (3 h)	188 ± 89.8	145 ± 54.9
Day 29 (4 h)	149 ± 73.6	110 ± 31.8
Day 57 (0 h)	58.0 ± 57.2	24.0 ± 21.4
Day 57 (1 h)	200 ± 118	123 ± 123
Day 57 (2 h)	222 ± 80.3	198 ± 88.7
Day 57 (3 h)	188 ± 74.3	156 ± 59.2
Day 57 (4 h)	140 ± 83.3	126 ± 54.1
Day 85 (0 h)	15.2 ± 17.6	10.2 ± 18.7

1.13 Maximum observed plasma concentration (C_{max}) of LYS006

Description	LYS006 plasma concentrations were determined by a validated liquid chromatography with tandem mass spectrometry (LC-MS/MS) method. C _{max} of LYS006 was determined with Phoenix WinNonlin (Version 8.0 or higher). No methods for imputation of missing data were used.
Time Frame	pre-dose and post-dose (1, 2, 3 and 4 hours) at Days 29 and 57

	LYS006	LYS006 + LJN452
Arm/Group Description	LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks	LYS006 20 mg was administered orally twice per day (b.i.d) in addition to LJN452 200ug administered orally once daily for 12 weeks
Number of Participants Analyzed [units: participants]	20	21
Maximum observed plasma concentration (C_{max}) of LYS006 (units: ng / mL)	Mean ± Standard Deviation	Mean ± Standard Deviation
Day 29	264 ± 87.7	215 ± 98.8
Day 57	271 ± 71.1	228 ± 88.1

Safety Results
All-Cause Mortality

	LYS006 N = 20	LYS006 + LJN452 N = 21	Total N = 41
Arm/Group Description	LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks	LYS006 20 mg was administered orally twice per day (b.i.d) in addition to LJN452 200ug administered orally once daily for 12 weeks	Total
Total Number Affected	0	0	0
Total Number At Risk	20	21	41

Serious Adverse Events by System Organ Class

No data identified.

Other Adverse Events by System Organ Class

	LYS006 N = 20	LYS006 + LJN452 N = 21	Total N = 41
Arm/Group Description	LYS006 20 mg was administered orally twice per day (b.i.d) for 12 weeks	LYS006 20 mg was administered orally twice per day (b.i.d) in addition to	Total

LJN452 200ug administered
orally once daily for 12 weeks

Total # Affected by any Other Adverse Event	9	15	24
Total # at Risk by any Other Adverse Event	20	21	41
Gastrointestinal disorders			
Abdominal pain upper	1 (5.00%)	2 (9.52%)	3 (7.32%)
Diarrhoea	3 (15.00%)	0 (0.00%)	3 (7.32%)
Nausea	3 (15.00%)	2 (9.52%)	5 (12.20%)
Investigations			
Alanine aminotransferase increased	0 (0.00%)	2 (9.52%)	2 (4.88%)
Aspartate aminotransferase increased	0 (0.00%)	2 (9.52%)	2 (4.88%)
Blood alkaline phosphatase increased	0 (0.00%)	3 (14.29%)	3 (7.32%)
Metabolism and nutrition disorders			
Hyperglycaemia	1 (5.00%)	3 (14.29%)	4 (9.76%)
Nervous system disorders			
Dizziness	2 (10.00%)	0 (0.00%)	2 (4.88%)
Headache	4 (20.00%)	4 (19.05%)	8 (19.51%)
Psychiatric disorders			
Insomnia	0 (0.00%)	2 (9.52%)	2 (4.88%)
Skin and subcutaneous tissue disorders			
Pruritus	0 (0.00%)	13 (61.90%)	13 (31.71%)
Rash	0 (0.00%)	2 (9.52%)	2 (4.88%)

Other Relevant Findings

Not applicable

Conclusion:

LYS006 20 mg b.i.d. monotherapy and LYS006 20 mg b.i.d. + tropifexor 200 ug QD combination were safe and well tolerated. While reduction of ALT and liver fat was greater in the combination arm compared to the LYS006 monotherapy arm, efficacy thresholds for reduction in biomarkers of fibrosis, inflammation and hepatic fat reduction were not achieved for either treatment arm.

Date of Clinical Study Report

02-Sep-2022