

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, DC 20549

FORM 8-K

**Current Report Pursuant
to Section 13 or 15(d) of the
Securities Exchange Act of 1934**

Date of Report (Date of earliest event Reported): **April 4, 2022**

THERAVANCE BIOPHARMA, INC.

(Exact Name of Registrant as Specified in its Charter)

Cayman Islands
(State or Other Jurisdiction of
Incorporation)

001-36033
(Commission File Number)

98-1226628
(I.R.S. Employer Identification
Number)

**PO Box 309
Ugland House, South Church Street
George Town, Grand Cayman, Cayman Islands KY1-1104
(650) 808-6000**

(Addresses, including zip code, and telephone numbers, including area code, of principal executive offices)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Ordinary Share \$0.00001 Par Value	TBPH	NASDAQ Global Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 8.01. Other Events.

The information in this Current Report (including Exhibits 99.1 and 99.2) is being furnished and shall not be deemed “filed” for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that Section. The information in this Current Report (including Exhibits 99.1 and 99.2) shall not be incorporated by reference into any registration statement or other document pursuant to the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing.

On April 4, 2022, Theravance Biopharma, Inc. issued a press release to announce results from its Study 0170, a phase 3 study of ampreloxetine in patients with symptomatic neurogenic orthostatic hypotension (nOH). A copy of the press release is furnished as Exhibit 99.1 to this Current Report and a copy of a slide deck entitled “Study 0170 (REDWOOD) Ampreloxetine Phase 3 Results” is furnished as Exhibit 99.2 to this Current Report.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

[99.1](#) [Press Release dated April 4, 2022](#)

[99.2](#) [Slide deck entitled Study 0170 \(REDWOOD\) Ampreloxetine Phase 3 Results](#)

104 Cover Page Interactive Data File (cover page XBRL tags embedded within the Inline XBRL document)

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

THERAVANCE BIOPHARMA, INC.

Date: April 4, 2022

By: /s/ Andrew Hindman

Andrew Hindman

Senior Vice President and Chief Financial Officer



Theravance Biopharma, Inc. Announces Results from Study 0170, a Second Phase 3 Study of Ampreloxetine, in Patients with Symptomatic Neurogenic Orthostatic Hypotension (nOH)

- *Results from Study 0170 show a benefit in study patients with multiple system atrophy (MSA)*
- *Company beginning discussions with potential strategic partners and planning health authority interactions to expedite ampreloxetine as a possible treatment option for patients with symptomatic nOH*
- *Company remains focused on respiratory therapeutics, value creation for shareholders and reiterates plan to be sustainably cash-flow positive by the second half of the year*

DUBLIN, April 4, 2022 /PRNewswire/ -- Theravance Biopharma, Inc. (“Theravance Biopharma” or the “Company”) (NASDAQ: TBPH) today announced results from the second Phase 3 study, Study 0170 (n=128 out of n=154 planned), assessing the durability of clinical effect of ampreloxetine compared to placebo for the treatment of symptomatic nOH. Study 0170 was a 22-week Phase 3 study comprised of a 16-week open-label period followed by a 6-week double-blind, placebo-controlled, randomized withdrawal period. The primary endpoint of treatment failure at week 6 of the randomized withdrawal period was defined as a worsening of both Orthostatic Hypotension Symptom Assessment Scale (OHSA) question #1 and Patient Global Impression of Severity (PGI-S) scores by 1.0 point.

The primary endpoint was not statistically significant for the overall population of patients which included patients with Parkinson’s disease (PD), pure autonomic failure (PAF) and MSA (odds ratio=0.6; p-value=0.196). The odds ratio suggests that patients receiving ampreloxetine had a 40% reduction in the odds of treatment failure compared to placebo.

The pre-specified subgroup analysis by disease type suggests the benefit seen in patients receiving ampreloxetine was largely driven by MSA patients (n=40). An odds ratio of 0.28 (95% CI: 0.05, 1.22) was observed in MSA patients indicating a 72% reduction in the odds of treatment failure with ampreloxetine compared to placebo. The benefit to MSA patients was observed in multiple endpoints including OHSA composite, Orthostatic Hypotension Daily Activities Scale (OHDAS) composite, Orthostatic Hypotension Questionnaire (OHQ) composite and OHSA #1 (see figure below). Notably, patients withdrawn to placebo had a clinically relevant decrease in standing blood pressure; there was no decrease for patients remaining on ampreloxetine. While the same benefit was not apparent in patients with PD or PAF, the Company continues to analyze the data to better understand this observation. Throughout the study, there was no indication of worsening of supine hypertension based on 24-hour monitoring. Data suggest that ampreloxetine was well-tolerated and no new safety signals were identified.



About Symptomatic nOH

Neurogenic orthostatic hypotension (nOH) is a rare disorder defined as a sustained orthostatic fall in systolic blood pressure (SBP) of ≥ 20 mm Hg or diastolic blood pressure (DBP) of ≥ 10 mm Hg within three minutes of standing. Severely affected patients are unable to stand for more than a few seconds because of their decrease in blood pressure, leading to cerebral hypoperfusion and syncope. A debilitating condition, nOH results in a range of symptoms including dizziness, lightheadedness, fainting, fatigue, blurry vision, weakness, trouble concentrating, and head and neck pain. nOH is caused by autonomic nervous system malfunction and is associated with several underlying medical conditions including multiple system atrophy (MSA), pure autonomic failure (PAF), and Parkinson's disease (PD).

About Multiple System Atrophy (MSA)

MSA (formerly Shy-Drager syndrome) is a rare, rapidly progressive, severely debilitating, and fatal neurodegenerative disease that leads to death within a median of seven to 10 years after the onset of symptoms. MSA shares many Parkinson's disease-like symptoms, such as slow movement, rigid muscles and poor balance. The primary sign of multiple system atrophy is postural (orthostatic) hypotension. A person with MSA can also develop dangerously high blood pressure levels while lying down (supine hypertension). Other manifestations include: urinary and bowel dysfunction, constipation, incontinence, sweating abnormalities, sleep disorders, sexual dysfunction, cardiovascular problems and psychiatric problems. The most common causes of death in MSA are infection and cardiopulmonary complications. Currently, MSA patients receive only symptomatic and palliative therapies as there are no disease-modifying treatments and no cure.

About Ampreloxetine

Ampreloxetine (TD-9855) is an investigational, Theravance Biopharma-discovered, potent, long-acting, oral, once-daily norepinephrine reuptake inhibitor in development for the treatment of symptomatic neurogenic orthostatic hypotension (nOH) with patent protection until 2037 in the US. In addition to the Phase 3 clinical program, Theravance Biopharma has conducted a comprehensive non-clinical and clinical pharmacology program. Ampreloxetine has been evaluated in over 800 patients in clinical studies of fibromyalgia, attention deficit hyperactivity disorder (ADHD) and symptomatic nOH.

About Theravance Biopharma

Theravance Biopharma, Inc. is a biopharmaceutical company primarily focused on the discovery, development and commercialization of respiratory medicines. Its core purpose is to create medicines that help improve the lives of patients suffering from respiratory illness.

In pursuit of its purpose, Theravance Biopharma leverages decades of respiratory expertise to discover and develop transformational medicines that make a difference. These efforts have led to the development of FDA-approved YUPELRI[®] (revefenacin) inhalation solution indicated for the maintenance treatment of patients with chronic obstructive pulmonary disease (COPD). Its respiratory pipeline of internally discovered programs is targeted to address significant patient respiratory needs.

Theravance Biopharma has an economic interest in potential future payments from Glaxo Group Limited or one of its affiliates (GSK) pursuant to its agreements with Innoviva, Inc. relating to certain programs, including TRELEGY.

For more information, please visit www.theravance.com.

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YUPELRI[®] is a registered trademark of Mylan Specialty L.P., a Viatris Company. Trademarks, trade names or service marks of other companies appearing on this press release are the property of their respective owners.

Forward-Looking Statements

This press release contains certain “forward-looking” statements as that term is defined in the Private Securities Litigation Reform Act of 1995 regarding, among other things, statements relating to goals, plans, objectives, expectations and future events. Theravance Biopharma intends such forward-looking statements to be covered by the safe harbor provisions for forward-looking statements contained in Section 21E of the Securities Exchange Act of 1934 and the Private Securities Litigation Reform Act of 1995. Examples of such statements include statements relating to: the Company’s goals, designs, strategies, plans and objectives, ability to provide value to shareholders, the Company’s regulatory strategies, the potential characteristics, benefits and mechanisms of action of the Company’s product and product candidates, the Company’s expectations for product candidates through development and the market for products being commercialized, the Company’s expectations regarding its allocation of resources, potential regulatory actions and commercialization, product sales or profit share revenue and the Company’s expectations for its expenses, excluding share-based compensation and other financial results. These statements are based on the current estimates and assumptions of the management of Theravance Biopharma as of the date of the press release and are subject to risks, uncertainties, changes in circumstances, assumptions and other factors that may cause the actual results of Theravance Biopharma to be materially different from those reflected in the forward-looking statements. Important factors that could cause actual results to differ materially from those indicated by such forward-looking statements include, among others, risks related to: additional future analysis of the data resulting from our clinical trial(s), the potential that results from clinical or non-clinical studies indicate the Company’s compounds, products or product candidates are unsafe, ineffective or not differentiated, risks of decisions from regulatory authorities that are unfavorable to the Company, delays or failure to achieve and maintain regulatory approvals for product candidates, risks of collaborating with or relying on third parties to discover, develop, manufacture and commercialize products, and ability to retain key personnel, the impact of the Company’s restructuring actions on its employees, partners and others. In addition, while we expect the effects of COVID-19 to continue to adversely impact our business operations and financial results, the extent of the impact on our ability to generate revenue from YUPELRI[®] (revedfenacin), our clinical development programs, and the value of and market for our ordinary shares, will depend on future developments that are highly uncertain and cannot be predicted with confidence at this time. Other risks affecting Theravance Biopharma are in the Company’s Form 10-K filed with the SEC on February 28, 2022, and other periodic reports filed with the SEC. In addition to the risks described above and in Theravance Biopharma’s filings with the SEC, other unknown or unpredictable factors also could affect Theravance Biopharma’s results. No forward-looking statements can be guaranteed, and actual results may differ materially from such statements. Given these uncertainties, you should not place undue reliance on these forward-looking statements. Theravance Biopharma assumes no obligation to update its forward-looking statements on account of new information, future events or otherwise, except as required by law.

Contact: Gail B. Cohen
Corporate Communications / 917-214-6603



Medicines That Make a Difference[®]

Study 0170 (REDWOOD) Amprexetine Phase 3 Results

April 4, 2022

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Forward-looking statements

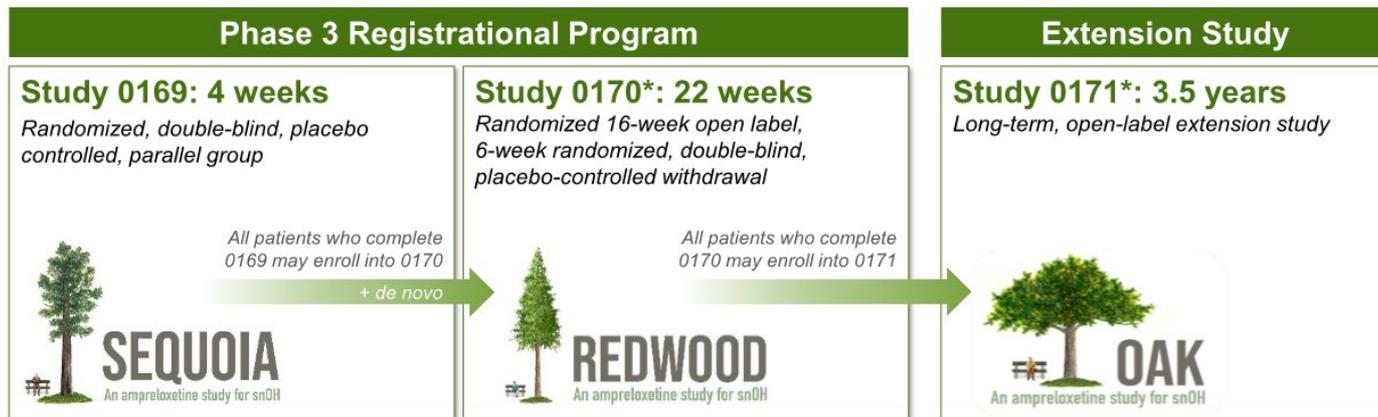
Under the safe harbor provisions of the U.S. Private Securities Litigation Reform Act of 1995, the company cautions investors that any forward-looking statements or projections made by the company are subject to risks and uncertainties that may cause actual results to differ materially from the forward-looking statements or projections.

Examples of forward-looking statements in this presentation may include the Company's goals, designs, strategies, plans and objectives, the impact of the Company's restructuring plan, ability to provide value to shareholders, the Company's regulatory strategies and timing of clinical studies (including the data therefrom), the potential characteristics, benefits and mechanisms of action of the Company's product and product candidates, the Company's expectations for product candidates through development and the market for products being commercialized, the Company's expectations regarding its allocation of resources, potential regulatory actions and commercialization (including differentiation from other products or potential products and addressable market), product sales or profit share revenue and the Company's expectations for its expenses, excluding share-based compensation and other financial results.

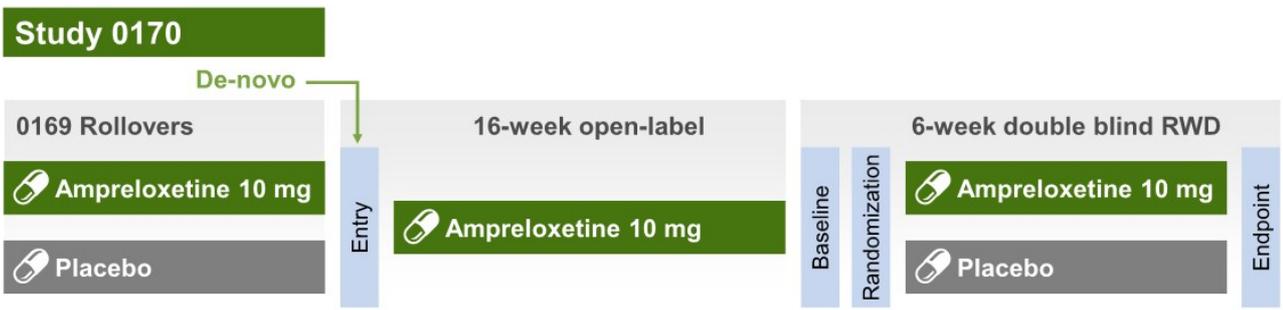
The Company's forward-looking statements are based on the estimates and assumptions of management as of the date of this presentation and are subject to risks and uncertainties that may cause the actual results to be materially different than those projected, such as risks related to the impacts on the COVID-19 global pandemic on our business, additional future analysis of the data resulting from our clinical trial(s), delays or difficulties in commencing, enrolling or completing clinical studies, the potential that results from clinical or non-clinical studies indicate the Company's compounds, products or product candidates are unsafe, ineffective or not differentiated, risks of decisions from regulatory authorities that are unfavorable to the Company, the feasibility of undertaking future clinical trials based on policies and feedback from regulatory authorities, dependence on third parties to conduct clinical studies, delays or failure to achieve and maintain regulatory approvals for product candidates, risks of collaborating with or relying on third parties to discover, develop, manufacture and commercialize products, and risks associated with establishing and maintaining sales, marketing and distribution capabilities with appropriate technical expertise and supporting infrastructure, ability to retain key personnel, the impact of the Company's restructuring actions on its employees, partners and others.

Other risks affecting Theravance Biopharma are in the company's Form 10-K filed with the SEC on February 28, 2022, and other periodic reports filed with the SEC.

Phase 3 program overview



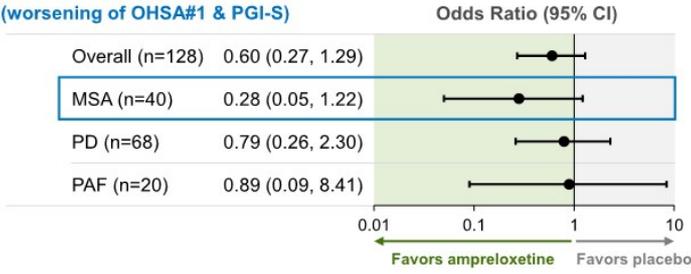
Primary Endpoint: Worsening of OSHA#1 and PGI-S (Treatment Failure)



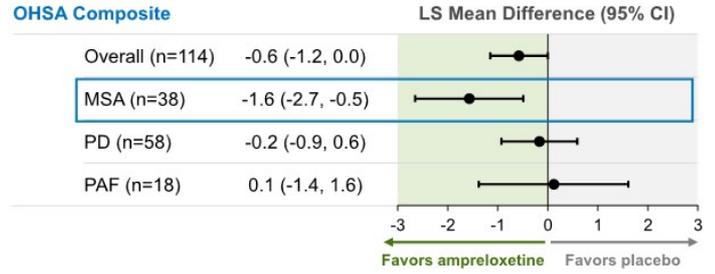
Disease type	Placebo n=64	Ampreloxetine n=64	Total n=128* (%)
Multiple system atrophy (MSA)	20	20	40 (31%)
Parkinson's disease (PD)	34	34	68 (53%)
Pure autonomic failure (PAF)	10	10	20 (16%)

Pre-specified Subgroup Analyses: Patient Reported Outcomes

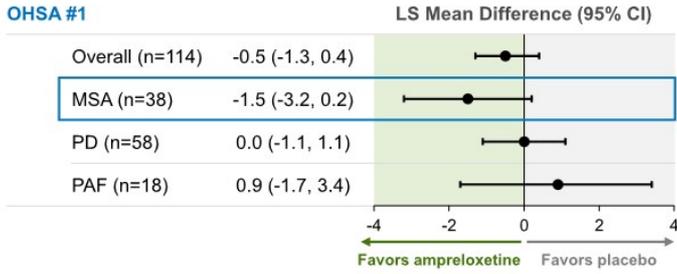
Treatment Failure (worsening of OHSA#1 & PGI-S)



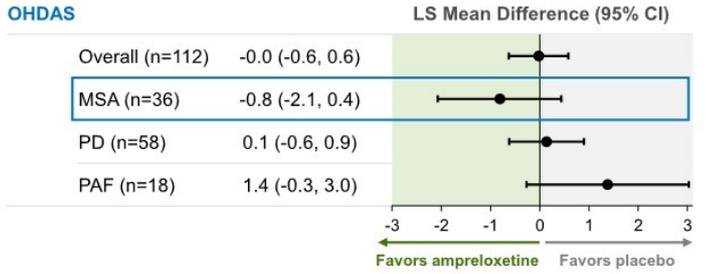
OHSA Composite



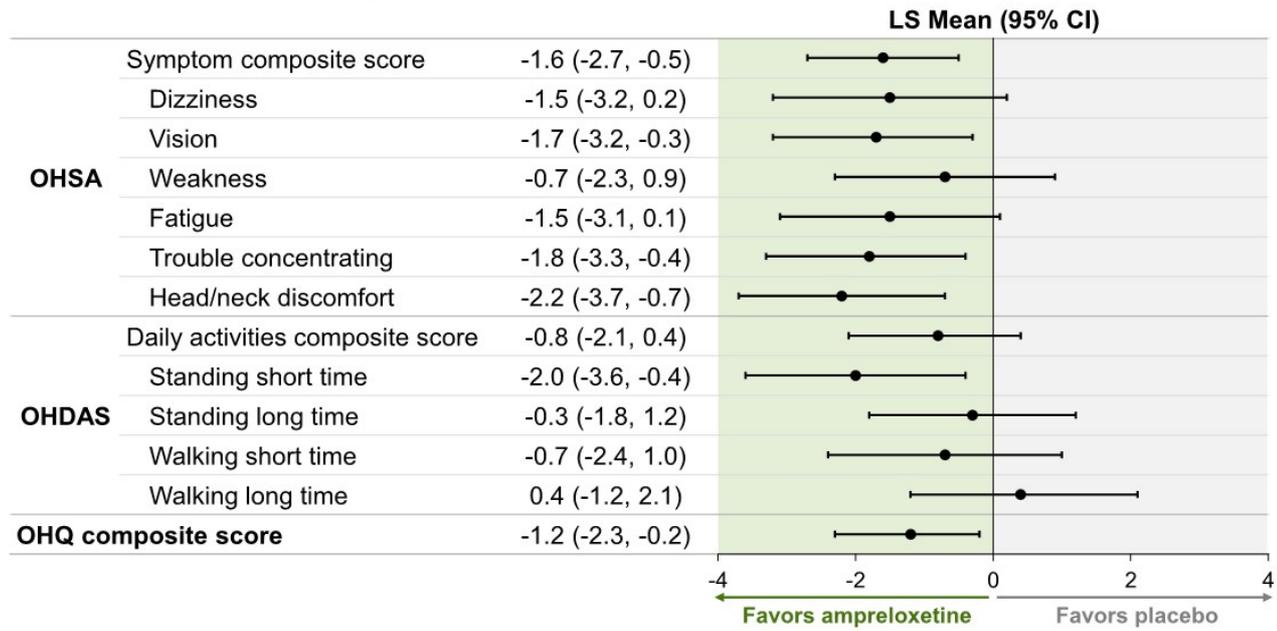
OHSA #1



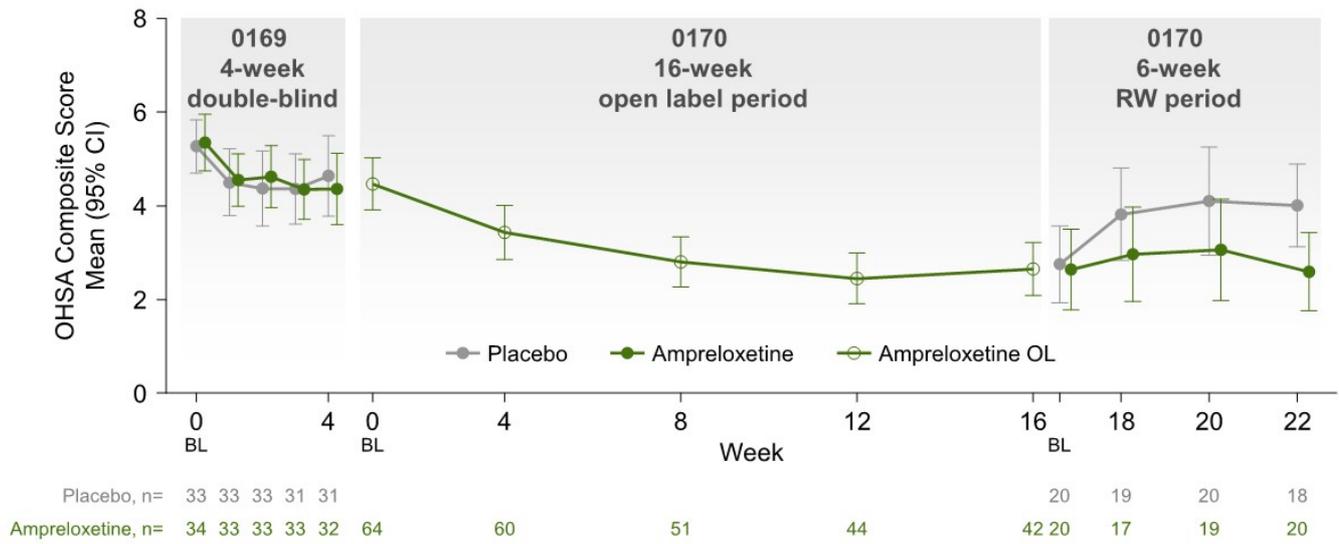
OHDAS



OHQ questionnaire composite scores and individual items for MSA patients



Longitudinal analysis of OHSA composite score for MSA patients



Overall safety summary Study 0170

16-week open-label

6-week double blind RWD

	Baseline	Randomization
 Ampreloxetine 10 mg (n=200)	<ul style="list-style-type: none">• 53% TEAEs (n=105), majority mild to moderate• 8% SAEs (n=16), none reported as related to ampreloxetine<ul style="list-style-type: none">• 5 deaths• 3 AEs of special interest:<ul style="list-style-type: none">– Supine hypertension (n=1)– Myocardial infarction (n=1)– Atrial arrhythmia (n=1)	 Ampreloxetine 10 mg (n=64) <ul style="list-style-type: none">• SAEs: 2 of 4 events reported as study drug-related<ul style="list-style-type: none">• 2 Deaths (1 unrelated, 1 unknown and imputed as related)
		 Placebo (n=64) <ul style="list-style-type: none">• SAEs: 1 of 2 events was reported as study drug related• TEAEs were similar for ampreloxetine and placebo groups, majority were mild to moderate• No AEs of special interest• No clinically significant difference between treatment groups in:<ul style="list-style-type: none">• Laboratory values• ECG• Ambulatory blood pressure monitoring• Vital signs

Overall ampreloxedine summary

Study 0170

- ▶ Results show benefit in MSA patients
- ▶ No indication of worsening of supine hypertension or emergence of any new safety signal
- ▶ Consistent feedback from KOLs about the strength of data in MSA

Ampreloxedine

- ▶ Novel chemical entity, discovered and developed at Theravance Biopharma
- ▶ Potent and high-affinity norepinephrine reuptake inhibitor
- ▶ Orally bioavailable with QD dosing
- ▶ Mechanism of action consistent with durability of effect
- ▶ Patent protection until 2037 in US
- ▶ Comprehensive nonclinical and clinical pharmacology program completed
- ▶ Evaluated in >800 patients and healthy subjects in clinical studies of fibromyalgia, ADHD and symptomatic nOH