

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 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): August 15, 2023**

**Axsome Therapeutics, Inc.**

(Exact name of Registrant as Specified in Its Charter)

**Delaware**  
(State or Other Jurisdiction  
of Incorporation)

**001-37635**  
(Commission File Number)

**45-4241907**  
(IRS Employer  
Identification No.)

**One World Trade Center, 22nd Floor**  
**New York, New York**  
(Address of Principal Executive Offices)

**10007**  
(Zip Code)

**Registrant's Telephone Number, Including Area Code: (212) 332-3241**

(Former Name or Former Address, if Changed Since Last Report)

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:

- 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
Common Stock, Par Value \$0.0001 Per Share	AXSM	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.**

On August 15, 2023, the Company updated its corporate presentation and posted such corporate presentation to the Company's website. The updated corporate presentation is filed as Exhibit 99.1 hereto and incorporated by reference herein.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits

<u>Exhibit No.</u>	<u>Description</u>
99.1	<a href="#">Corporate Presentation</a> .
104	Cover Page Interactive Data File (embedded within the Inline XBRL document).

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**SIGNATURES**

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

**Axsome Therapeutics, Inc.**

Date: August 15, 2023

By: /s/ Herriot Tabuteau, M.D.  
Name: Herriot Tabuteau, M.D.  
Title: President and Chief Executive Officer

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nasdaq: axsm



**Corporate Presentation**  
August 2023

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# Forward Looking Statements & Safe Harbor

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Certain information contained in this presentation may include “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995. We may, in some cases, use terms such as “predicts,” “believes,” “potential,” “continue,” “estimates,” “anticipates,” “expects,” “plans,” “intends,” “may,” “could,” “might,” “will,” “should” or other words that convey uncertainty of future events or outcomes to identify these forward-looking statements. In particular, the Company’s statements regarding trends and potential future results are examples of such forward-looking statements. The forward-looking statements include risks and uncertainties, including, but not limited to, the continued commercial success of our Sunosi® and Auvelity® products and the success of our efforts to obtain any additional indication(s) with respect to solriamfetol and/or AXS-05; the success, timing and cost of our ongoing clinical trials and anticipated clinical trials for our current product candidates, including statements regarding the timing of initiation, pace of enrollment and completion of the trials (including our ability to fully fund our disclosed clinical trials, which assumes no material changes to our currently projected revenues or expenses), futility analyses and receipt of interim results, which are not necessarily indicative of the final results of our ongoing clinical trials, and the number or type of studies or nature of results necessary to support the filing of a new drug application (“NDA”) for any of our current product candidates; our ability to fund additional clinical trials to continue the advancement of our product candidates; the timing of and our ability to obtain and maintain U.S. Food and Drug Administration (“FDA”) or other regulatory authority approval of, or other action with respect to, our product candidates; whether issues identified by FDA in the complete response letter may impact the potential approvability of the Company’s NDA for AXS-07 for the acute treatment of migraine in adults with or without aura, pursuant to our special protocol assessment for the MOMENTUM clinical trial; the Company’s ability to successfully defend its intellectual property or obtain the necessary licenses at a cost acceptable to the Company, if at all; the successful implementation of the Company’s research and development programs and collaborations; the success of the Company’s license agreements; the acceptance by the market of the Company’s products and product candidates, if approved; the Company’s anticipated capital requirements, including the amount of capital required for the continued commercialization of Sunosi and Auvelity and for the Company’s commercial launch of its other product candidates, and the potential impact on the Company’s anticipated cash runway; unforeseen circumstances or other disruptions to normal business operations arising from or related to COVID-19; and other factors, including general economic conditions and regulatory developments, not within the Company’s control. The factors discussed herein could cause actual results and developments to be materially different from those expressed in or implied by such statements. The forward-looking statements are made only as of the date of this press release and the Company undertakes no obligation to publicly update such forward-looking statements to reflect subsequent events or circumstance..

This presentation contains statements regarding the Company’s observations based upon the reported clinical data. This presentation also contains estimates and other statistical data made by independent parties and by us relating to market size and other data about the Company’s industry. This data involves a number of assumptions and limitations, and you are cautioned not to give undue weight to such estimates. Neither we nor any other person makes any representation as to the accuracy or completeness of such data or undertakes any obligation to update such data after the date of this presentation. In addition, these projections, assumptions and estimates are necessarily subject to a high degree of uncertainty and risk.

Axsome, Auvelity, Sunosi, and MoSEIC, are trademarks or registered trademarks of Axsome Therapeutics, Inc. or its affiliates. Except as with respect to Auvelity and Sunosi for their approved indications, the development products referenced herein have not been approved by the FDA.

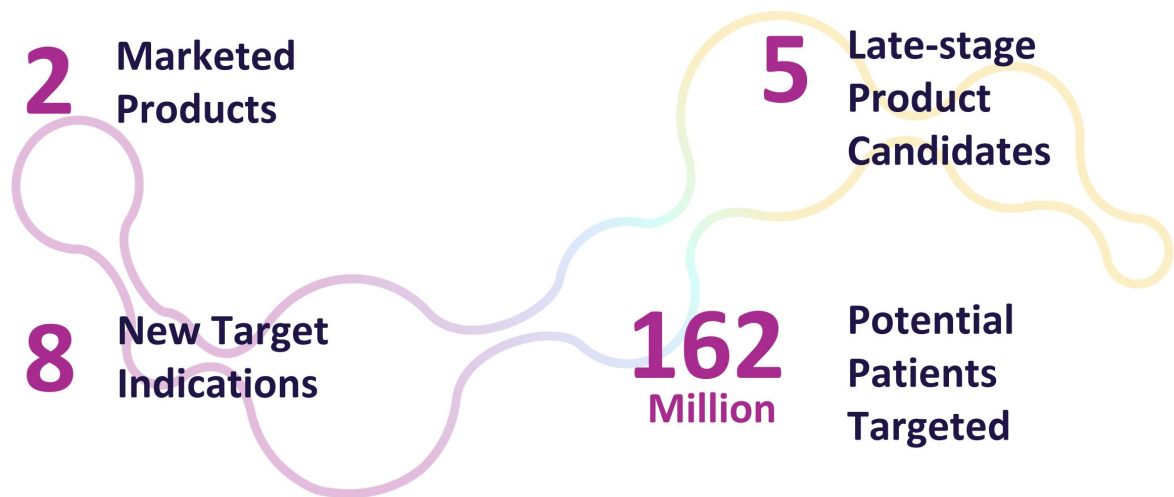


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# Rapidly Growing, CNS-Focused Biopharma



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# Leading CNS Portfolio

Product	MOA	Phase 1	Phase 2	Phase 3	NDA	Marketed
 <b>Auvelity</b> <sup>®</sup> <small>(extended-release film and buccal tablet HD) extended-release tablets 45mg/105mg</small>	NMDA receptor antagonist and sigma-1 receptor agonist, aminoketone CYP2D6 inhibitor	<b>Major Depressive Disorder (MDD)</b>				
 <b>Sunosi</b> <small>(solriamfetol) (C)</small> <small>75, 150 mg tablets</small>	Dual-acting dopamine and norepinephrine reuptake inhibitor (DNRI) and TAAR1 agonist	<b>Excessive Daytime Sleepiness (EDS) Associated with Narcolepsy or Obstructive Sleep Apnea (OSA)</b>				
<b>AXS-05</b>	NMDA receptor antagonist and sigma-1 receptor agonist, aminoketone CYP2D6 inhibitor	<b>Alzheimer's Disease Agitation (ADA)</b>		<b>FDA Breakthrough Therapy Designation</b>		
		<b>Smoking Cessation</b>				
<b>AXS-07</b>	MoSEIC™ COX-2 pref. inhibitor + 5-HT <sub>1B/1D</sub> agonist	<b>Migraine</b>				
<b>AXS-12</b>	Highly selective NE reuptake inhibitor	<b>Narcolepsy</b>			<b>FDA Orphan Drug Designation</b>	
<b>AXS-14</b>	Enantiomerically purified highly selective NE reuptake inhibitor	<b>Fibromyalgia</b>				
<b>solriamfetol</b>	Dual-acting dopamine and norepinephrine reuptake inhibitor (DNRI) and TAAR1 agonist	<b>Attention Deficit Hyperactivity Disorder (ADHD)</b>				
		<b>Binge Eating Disorder (BED)</b>				
		<b>Shift Work Disorder (SWD)</b>				

AXS-05, AXS-07, AXS-12, AXS-14, and solriamfetol for ADHD are not approved by the FDA, and their safety and effectiveness have not been established

Abbreviations:

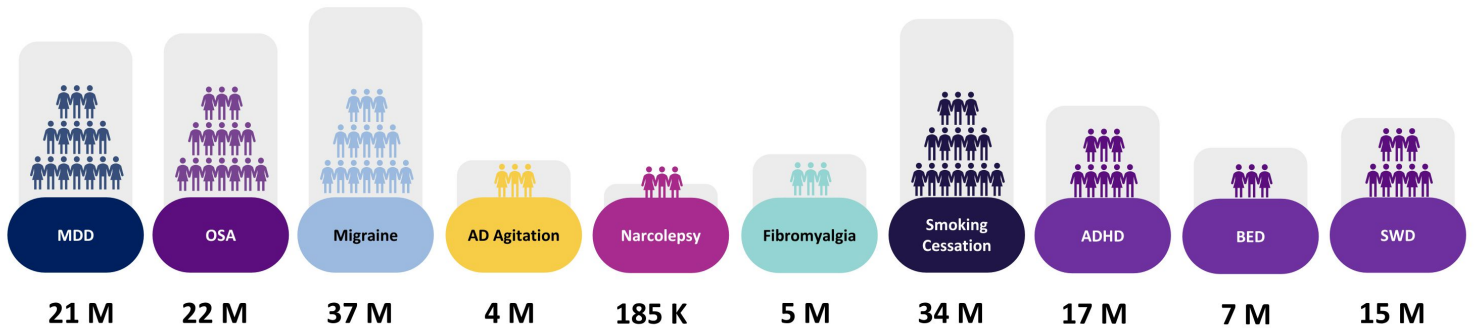
CNS = Central Nervous System; MOA = Mechanism of Action; NMDA = N-Methyl-D-aspartate; COX-2 = Cyclooxygenase-2; 5-HT = 5-Hydroxytryptamine; NE = Norepinephrine.

CYP2D6 = Cytochrome P450 Family 2 Subfamily D Member 6; MoSEIC = Molecular Solubility Enhanced Inclusion Complex

Please see full Prescribing Information for Auvelity at [www.Auvelity.com](http://www.Auvelity.com). Please see full Prescribing Information for Sunosi at [www.Sunosi.com](http://www.Sunosi.com).



# Marketed and Late-stage CNS Portfolio with Potential to Impact the Lives of >162M U.S. Patients



**Abbreviations:**

MDD = Major Depressive Disorder; OSA = Obstructive Sleep Apnea; AD = Alzheimer's Disease; ADHD = Attention Deficit Hyperactivity Disorder; BED = binge eating disorder; SWSD = shift work disorder

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# Potentially Marketed Indications by 2025

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**Auvelity**<sup>®</sup>  
(dextromethorphan HBr and bupropion HCl)  
extended-release tablets 45mg/105mg  
Major depressive disorder

**AXS-12**  
Narcolepsy

**AXS-14**  
Fibromyalgia



**SUNOSI**  
(solriamfetol) <sup>IV</sup>  
75, 150 mg tablets  
Excessive daytime sleepiness  
associated with narcolepsy or  
obstructive sleep apnea

**AXS-07**  
Migraine

**AXS-05**  
AD agitation



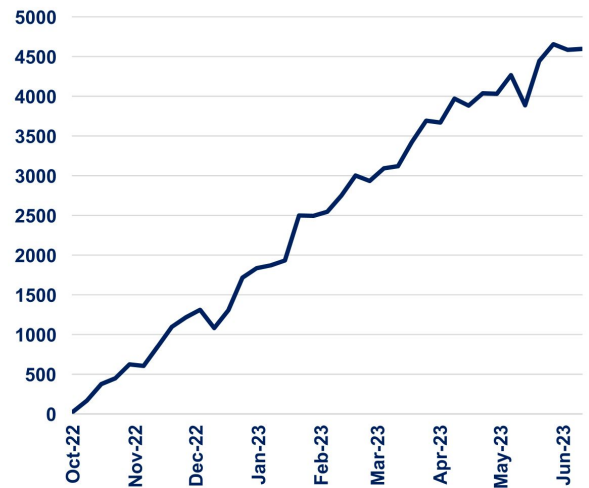


# Marketed Products

# Treating adult patients living with major depressive disorder

**Auvelity**<sup>®</sup>  
(dextromethorphan HBr and bupropion HCl)  
extended-release tablets 45mg/105mg

Weekly TRx Launch to Date



First and only oral rapid acting NMDA receptor antagonist for MDD<sup>1-2</sup>

New approach to treat MDD that is different from other oral antidepressants approved in more than 60 years<sup>1-3</sup>

Rapid symptom improvement starting at Week 1, sustained at Week 6 vs placebo<sup>1</sup>

Rapid remission as early as Week 2, sustained and increased vs control through Week 6<sup>4</sup>

Source: Symphony METYS

Abbreviations: TRx = total prescriptions; NMDA = N-Methyl-D-aspartate; MDD = major depressive disorder

1. Auvelity [Prescribing Information]. Axsome Therapeutics, Inc., New York, NY 2. FDA Depression Medicines. <https://www.fda.gov/media/132665/download>. Accessed March 21, 2022. 3. Thomas D, and Wessel C. The state of innovation in highly prevalent chronic diseases volume I: Depression therapeutics. December 2017. [https://www.bio.org/sites/default/files/legacy/bioorg/docs/BIO\\_HPCD\\_Series-Depression\\_2018-01-03.pdf](https://www.bio.org/sites/default/files/legacy/bioorg/docs/BIO_HPCD_Series-Depression_2018-01-03.pdf). Accessed March 21, 2022. 4. Iosifescu DV et al. J Clin Psychiatry. 2022;83(4):21m1434

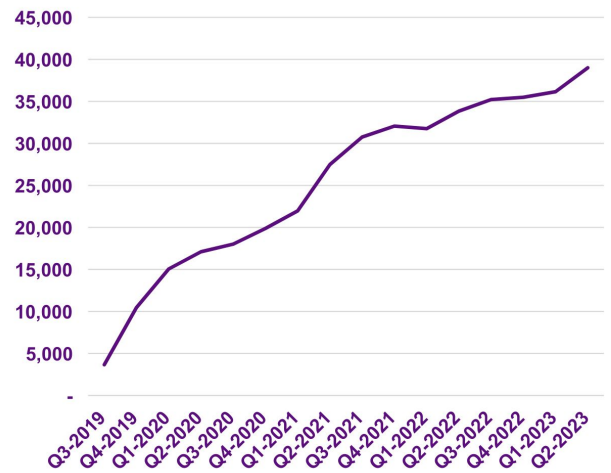
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# Improving wakefulness in adult patients with EDS associated with narcolepsy or OSA



Quarterly nTRx Launch to Date



First and only DNRI indicated for EDS associated with narcolepsy or OSA<sup>1</sup>

First and only wakefulness promoting agent proven to improve wakefulness through 9 hours<sup>1</sup>

90% of patients reported feeling better with Sunosi 150 mg<sup>2</sup>

Source: Symphony METYS. nTRx normalizes number of pills in each Trx for 30-day period.

Abbreviations: nTRx = normalized total prescriptions; EDS = excessive daytime sleepiness; OSA = obstructive sleep apnea; DNRI = dopamine-norepinephrine reuptake inhibitor  
 1. SUNOSI [Prescribing Information]. Axsome Therapeutics, Inc., New York, NY: 2. Schweitzer PK et al. Am J Resp Crit Care Med. 2019;199(11):1421-1431.



# Development Pipeline



# **AXS-05**

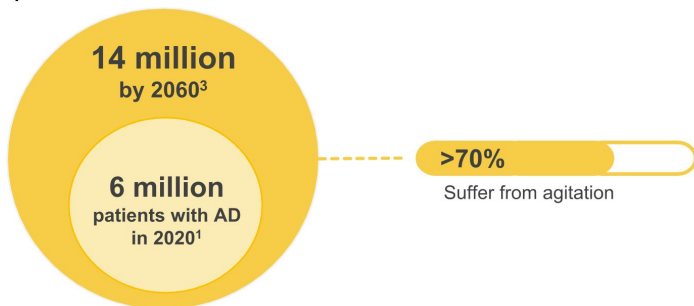
(dextromethorphan-bupropion)

**a new approach to treating  
multiple CNS conditions**

# Alzheimer's Disease Agitation: High Unmet Medical Need, Novel Approach

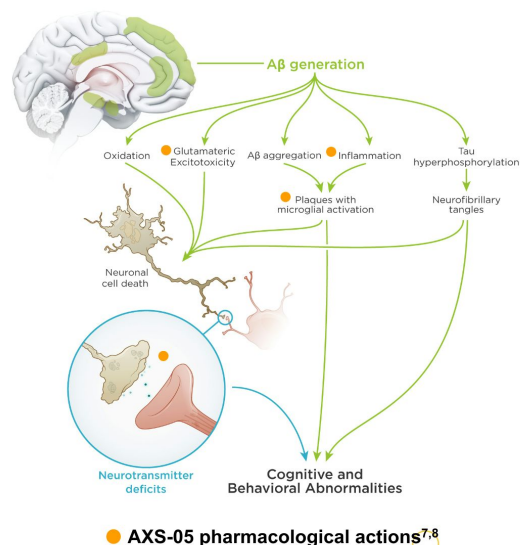
AXS-05

- Agitation is seen in up to 70% of Alzheimer's disease patients<sup>1,2</sup>



- Associated with accelerated cognitive decline, earlier nursing home placement, increased mortality risk<sup>4,5</sup>
- High unmet medical need for safe and effective options
- AXS-05 pharmacology relevant to implicated disease pathways

Brain regions implicated in AD agitation<sup>6</sup>



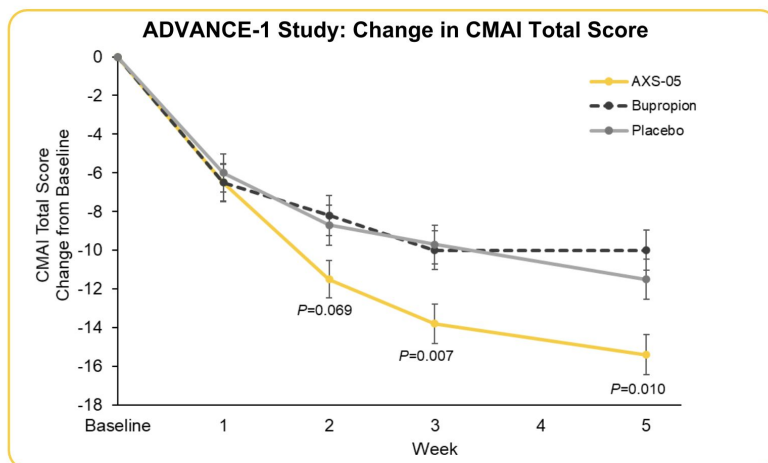
1. Alzheimer's Association. Alzheimer's Dement. 2020;16(3):391+. 2. Tractenberg R, et al. J Neuropsychiatry Clin Neurosci. 2002;14:11-18. 3. Alzheimers Dement. 2021 Mar;17(3):327-406. 4. Porsteinsson AP, et al. Expert Opin Pharmacother. 2017; 18:6, 611-620. 5. Lee D et al Expert Opin. On Pharm. 2023, <https://doi.org/10.1080/14656566.2023.2195539> 6. Rosenberg PB, et al. Mol Aspects Med. 2015;0: 25-37. 7. Stahl SM. CNS Spectr. 2019;24:461-466. 8. Cheng W, et al. Mol Med Rep. 2015 Feb;11(2):1132-8



# Alzheimer's Disease Agitation: Clinical Results and Program Status

AXS-05

- Primary endpoints met in two controlled trials:
  - ADVANCE-1 Phase 2/3, parallel group trial
  - ACCORD Phase 3, randomized withdrawal trial
- ADVANCE-2 Phase 3 trial ongoing, with expected completion by 1H 2024
- FDA Breakthrough Therapy Designation received



Abbreviations:  
CMAI = Cohen Mansfield Agitation Inventory

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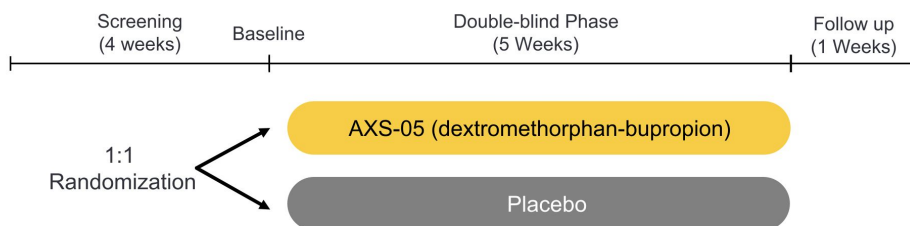




# Alzheimer's Disease Agitation: ADVANCE-2 Phase 3 Trial

AXS-05

A Phase 3 trial to assess efficacy and safety of **AXS-05** as compared to placebo in the treatment of Alzheimer's disease agitation.



- **Primary Endpoint:** Efficacy of AXS-05 compared to placebo on the change from baseline in CMAI total score
- **Key Inclusion Criteria:**
  - Male or female 65-90 years old
  - Diagnosis of probable AD and of clinically significant agitation resulting from probable AD
- **Target Enrollment:** 350
- **Topline Data:** 1H 2024





## Fast Facts

- Smoking is single largest cause of preventable death in the U.S.<sup>1</sup>
- 70% of smokers want to quit<sup>2</sup>
- Only 3-5% who attempt to quit without assistance are successful for 6-12 months<sup>2</sup>



## AXS-05 Key Updates

- AXS-05 represents a potentially new mechanism of action for smoking cessation
- Positive FDA Pre-IND meeting guidance received from the FDA – can proceed to pivotal Phase 2/3 trial
- Planned trial initiation in 4Q 2023 or 1Q 2024

Abbreviations: NMDA = N-methyl D-aspartate

1. U.S. Department of Health and Human Services. The Health Consequences of Smoking: 50 Years of Progress. A Report of the Surgeon General. 2014.

2. Hughes JR, et al. Addiction. 2004;99(1):29-38

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# **AXS-07**

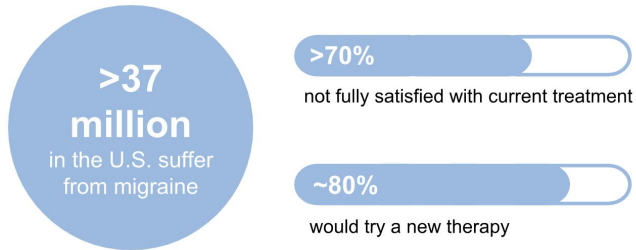
(MoSEIC™ meloxicam-rizatriptan)

**a multi-mechanistic approach  
to  
treating migraine**

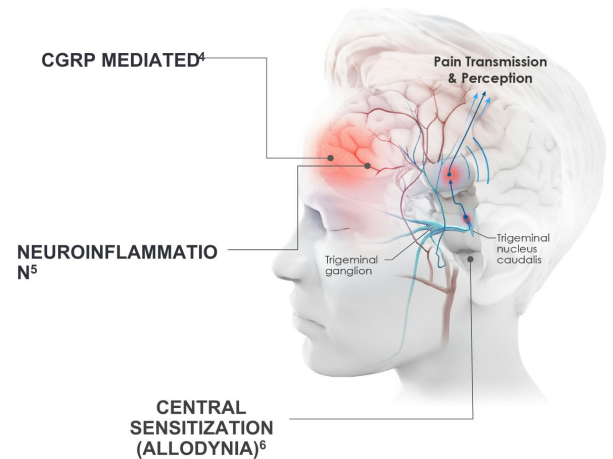
# Migraine: Significant Need for More Efficacious Treatments

AXS-07

- Unmet need for improved efficacy in migraine: disability on par with dementia, quadriplegia, active psychosis<sup>1,2</sup>:



- **\$78 billion** direct and indirect costs in the U.S. each year<sup>3</sup>
- Mechanisms of AXS-07 address multiple disordered physiological processes observed during migraine attacks



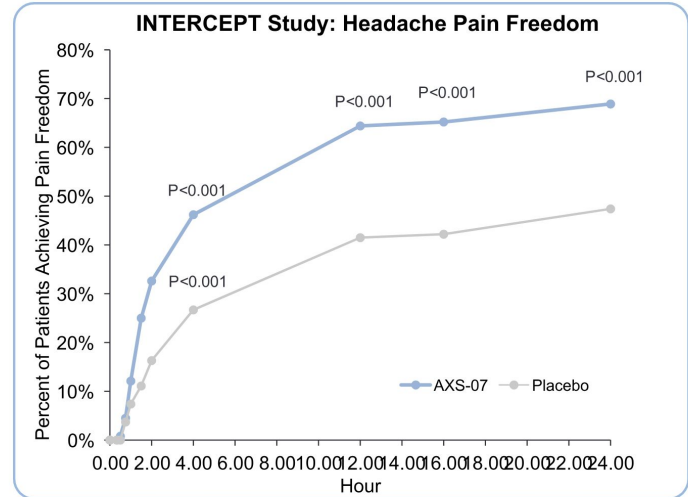
1. Menken et al. *Arch Neurol.* 2000;57:418-420. 2. Shapiro and Goadsby. *Cephalalgia.* 2007;27:991-4.  
3. Gooch CL, Pracht E, Borenstein AR. The burden of neurological disease in the United States: A summary report and call to action. *Ann Neurol.* 2017 Apr; 81(4):479-484.  
4. Geppetti et al. *J Headache Pain.* 2012; 13:103-111. 5. Changes measured in migraine patients. COX-2 data from Li et al. *Med Sci Monit.* 2017 Jan 3;23:24-28.  
PGE2 data from Sarchielli et al. *Cephalalgia.* 2000 Dec;20(10):907-18. 6. Change measured in migraine patient. Data from Burstein et al. *Brain.* 2000;123 (Pt 8):1703-9.

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# Migraine: Clinical Results and Program Status

AXS-07

- Rapid and sustained efficacy as compared to placebo and active comparator rizatriptan, in three positive Phase 3 trials:
  - MOMENTUM trial, in patients with history of inadequate response, vs. placebo and rizatriptan
  - INTERCEPT trial, in early treatment, vs. placebo
  - MOVEMENT trial, long-term open-label treatment, up to 12 months
- Class 2 NDA resubmission anticipated in the first half of 2024



# AXS-12

(reboxetine)

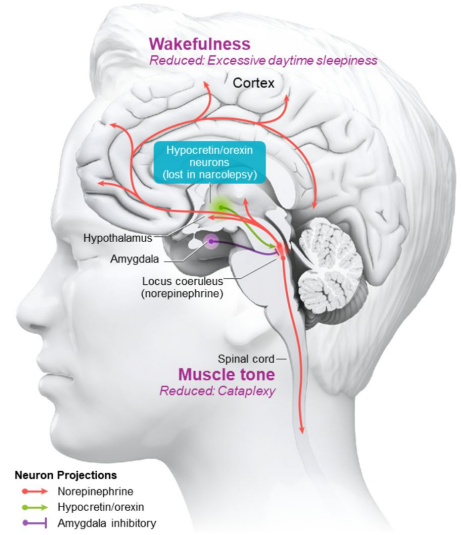
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**a potentially new treatment  
option for narcolepsy**

- Narcolepsy is a debilitating disorder characterized by excessive daytime sleepiness and cataplexy, with limited treatment options



- Loss of excitatory hypocretin/orexin neurons in the brain lead to dysregulation of norepinephrine resulting<sup>1</sup>:
  - Loss of muscle tone while awake (cataplexy)
  - Decreased wakefulness during the day (EDS)
- AXS-12 (reboxetine) improves regulation of norepinephrine signaling in narcolepsy

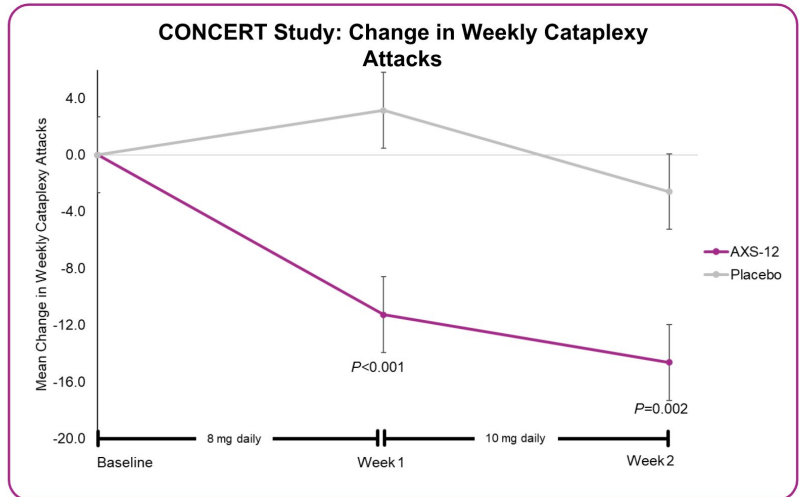


1. Szabo ST, et al. *Sleep Medicine Reviews* 43 (2019) 23-36

# Narcolepsy: Clinical Results and Program Status

AXS-12

- Positive Phase 2 results with AXS-12
  - Significant reduction in cataplexy attacks
  - Significant improvement in excessive daytime sleepiness
  - Significant improvement in cognitive function
- SYMPHONY Phase 3 trial ongoing, with expected completion in 4Q 2023

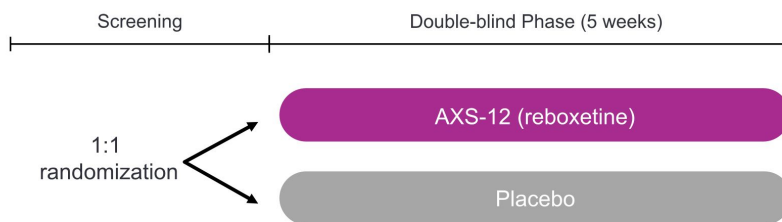




# Narcolepsy: SYMPHONY Phase 3 Trial

AXS-12

A Phase 3 trial to assess efficacy and safety of **AXS-12** as compared to placebo in the treatment of cataplexy in narcolepsy.



- **Primary Endpoint:** Change in the frequency of cataplexy attacks
- **Key Inclusion Criteria:**
  - Male or female 15-75 years old
  - Primary diagnosis of narcolepsy with cataplexy
- **Trial Completion:** expected in 4Q 2023



# **AXS-14**

(esreboxetine)

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**a potentially new treatment  
option for fibromyalgia**

- Debilitating, chronic, CNS disorder characterized by widespread pain, fatigue, disturbed sleep, depression, and cognitive impairment; ~90% affected are women

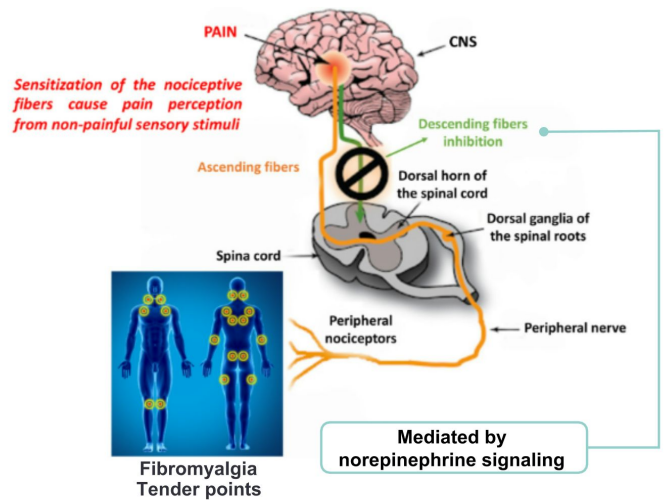
**5 million**

patients in the U.S.<sup>1</sup>

90% are women

- Limited treatment options with only 3 approved agents: variable efficacy, and do not address all symptoms
- AXS-14 (esreboxetine) increases descending norepinephrine inhibition of pain signaling

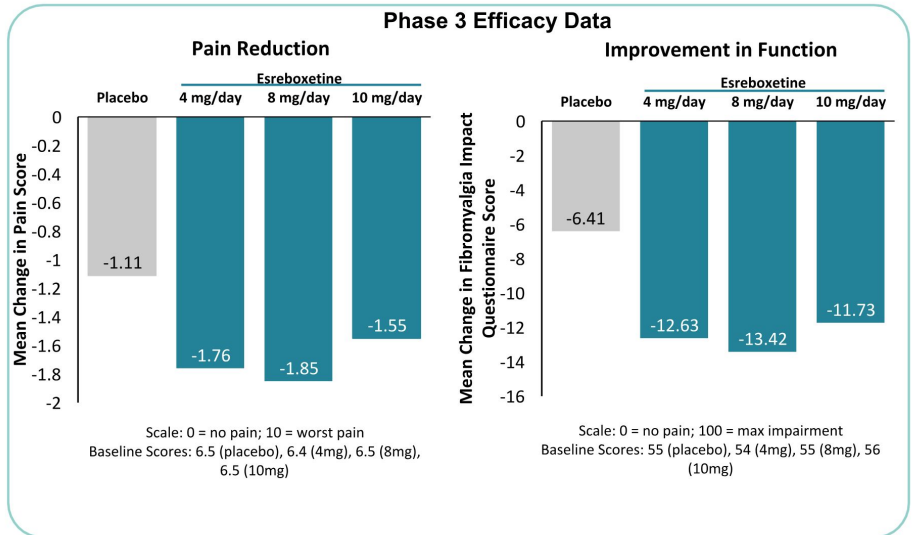
Pathways influencing pain sensitivity in fibromyalgia<sup>2</sup>



1. Decision Resources Group 2019 2. Adapted from Siracusa, R., et al. Fibromyalgia: Pathogenesis, Mechanisms, Diagnosis and Treatment Options Update. Int. J. Mol. Sci. 2021, 22, 3891.

# Fibromyalgia: Clinical Data and Program Status

- Positive Phase 3 and Phase 2 efficacy results with AXS-14 in fibromyalgia:
  - Significant reduction in pain and improvement in function
- NDA submission planned for fourth quarter of 2023 or first quarter 2024



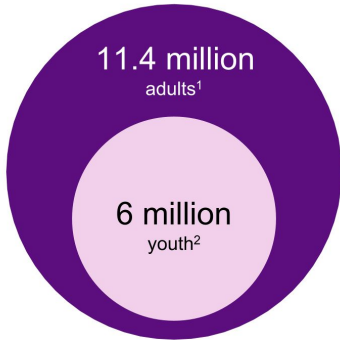
# Solriamfetol

**a potentially differentiated  
option for the treatment of  
CNS disorders**

# Attention Deficit Hyperactivity Disorder

**solriamfetol**

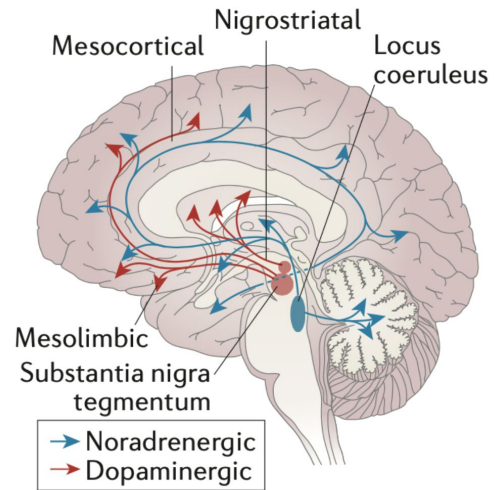
- ADHD is a serious disorder characterized by inattention, hyperactivity or impulsivity



**17.4 million**  
in the U.S. with ADHD

- Associated with significant impairment in social, academic, and occupational functioning or development
- Solriamfetol targets neurotransmitter pathways in the brain implicated in ADHD<sup>3</sup>

Neurotransmitter Pathways Implicated in ADHD<sup>1</sup>

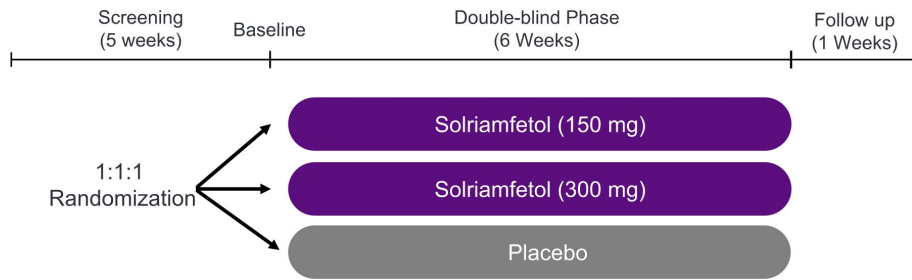


1. Kessler RC, et al. The prevalence and correlates of adult ADHD in the United States: results from the National Comorbidity Survey Replication. *Am J Psychiatry*. 2006 Apr;163(4):716-23. 2. Bitsko RH, et al. Mental health surveillance among children—United States, 2013–2019. *MMWR Suppl*. 2022;71(2):1-48. 3. Faraone, S. V. et al. *Attention-deficit/hyperactivity disorder. Nat. Rev. Dis. Primers*. 2015

# Attention Deficit Hyperactivity Disorder: FOCUS Phase 3 Trial

solriamfetol

A Phase 3 trial to assess efficacy and safety of **solriamfetol** as compared to placebo in the treatment of ADHD.



- **Primary Endpoint:** Change in the Adult ADHD Investigator Symptom Report Scale (AISRS)
- **Key Inclusion Criteria:**
  - Adults, aged 18 to 55 inclusive.
  - Primary diagnosis of ADHD (inattentive, hyperactive, or combined subtype) using DSM-5 criteria and confirmed via the clinician administered ACDS
- **Target Enrollment:** 450
- **Topline Data:** 2H 2024



# CNS portfolio with potential to generate total U.S. peak sales of up to \$11.5B

Program	Launch Year	Est. Peak U.S. Sales	Key Highlights	
 <b>Auvelity*</b> <small>(dextromethorphan HBr and bupropion HCl)                      extended-release tablets 45mg/105mg</small>	MDD	<b>2022</b>	<b>\$1 - \$3B</b>	<ul style="list-style-type: none"> <li>Rapid and substantial efficacy, as early as week 1<sup>1</sup></li> <li>First oral antidepressant with a new MOA in 60 years<sup>1-4</sup></li> </ul>
 <b>Sunosi.</b> <small>(solriamfetol) (C)</small> <small>5, 50 mg tablets</small>	EDS associated with OSA and narcolepsy	<b>2022</b>	<b>\$300 - \$500M</b>	<ul style="list-style-type: none"> <li>First and only wakefulness promoting agent to improve wakefulness through 9 hours<sup>5</sup></li> <li>First FDA approved dual-acting DNRI to treat EDS in OSA or narcolepsy</li> </ul>
<b>AXS-05</b>	Alzheimer's Disease Agitation	<b>2025 est.</b>	<b>\$1.5 - \$3B</b>	<ul style="list-style-type: none"> <li>Rapid and substantial effect, as early as Week 2, with no associated cognitive impairment or sedation</li> </ul>
<b>AXS-05</b>	Smoking Cessation	<b>TBD</b>	<b>\$0.5 - \$1B</b>	<ul style="list-style-type: none"> <li>Represents a potentially new mechanism of action for smoking cessation</li> <li>Planned Phase 2/3 trial initiation in 4Q 2023 or 1Q 2024</li> </ul>
<b>AXS-07</b>	Migraine	<b>2024 est.</b>	<b>\$0.5 - \$1B</b>	<ul style="list-style-type: none"> <li>Rapid and consistent relief with reduced symptom recurrence</li> </ul>
<b>AXS-12</b>	Narcolepsy	<b>2025 est.</b>	<b>\$0.5 - \$1B</b>	<ul style="list-style-type: none"> <li>Improved cataplexy, EDS, and cognitive function</li> </ul>
<b>AXS-14</b>	Fibromyalgia	<b>2025 est.</b>	<b>\$0.5 - \$1B</b>	<ul style="list-style-type: none"> <li>Reduced pain with improved function with effect on fatigue</li> </ul>
<b>Solriamfetol</b>	ADHD	<b>TBD</b>	<b>\$1B</b>	<ul style="list-style-type: none"> <li>Phase 3 trial ongoing; topline data expected in 2H 2024</li> </ul>



Auvelity and Sunosi refs are on Slides 8 and 9, respectively. Please see full Prescribing Information for Auvelity at [www.Auvelity.com](http://www.Auvelity.com). Please see full Prescribing Information for Sunosi at [www.Sunosi.com](http://www.Sunosi.com).

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# Strong Intellectual Property and Barriers to Entry

 <p><b>Auvelity</b><sup>®</sup> (dextromethorphan HBr and bupropion HCl) extended-release tablets 45mg/105mg</p>	<ul style="list-style-type: none"> <li>• Protected by a robust patent estate extending out to at least 2043; Multiple pending</li> <li>• Proprietary drug product formulation</li> </ul>
 <p><b>SUNOSI</b><sup>®</sup> (solriamfetol) (TV) 75, 150 mg tablets</p>	<ul style="list-style-type: none"> <li>• Protected by a robust patent estate extending out to at least 2040 / allowed claims out to 2042; Multiple pending</li> <li>• Proprietary drug substance and drug product formulation</li> </ul>
<p><b>AXS-05</b></p>	<ul style="list-style-type: none"> <li>• &gt;120 Issued U.S. Patents and &gt;70 Issued O-U.S. Patents Claims extending to at least 2034-43; Multiple pending</li> <li>• Proprietary drug product formulation</li> </ul>
<p><b>AXS-07</b></p>	<ul style="list-style-type: none"> <li>• &gt;85 Issued U.S. Patents and &gt;103 Issued O-U.S. Patents Claims extending to at least 2038; Multiple pending</li> <li>• Proprietary MoSEIC™ formulation and drug product formulation</li> </ul>
<p><b>AXS-12</b></p>	<ul style="list-style-type: none"> <li>• Orphan Drug Designation</li> <li>• 6 issued patents; Claims extending to at least 2040; Multiple pending</li> <li>• Proprietary drug substance and drug product formulation</li> </ul>
<p><b>AXS-14</b></p>	<ul style="list-style-type: none"> <li>• Pending U.S. patents</li> <li>• Proprietary drug substance and drug product formulation</li> </ul>

# Financial Snapshot

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**Cash Balance:** **\$ 437.1 M**  
(as of June 30, 2023)

**Debt (Face Value):** **\$ 180 M**  
(as of June 30, 2023)

**Market Cap:** **\$ 3.4 B**  
(as of August 4, 2023)

**Shares Outstanding:** **46.7 M**  
(as of June 30, 2023)

**Options, RSUs, and Warrants Outstanding<sup>1</sup>:** **8.8 M**

<sup>1</sup> Consists of 7.93 M options, 0.78 M RSUs, and 0.080 M warrants

Runway to reach cash flow positivity, based on the current operating plan

Pro forma cash balance - **\$468.8 M**



# Leadership Team

## Management

**Herriot Tabuteau, MD**  
Founder & CEO

**Nick Pizzie, CPA, MBA**  
Chief Financial Officer

**Mark Jacobson, MA**  
Chief Operating Officer

**Hunter Murdock, JD**  
General Counsel

**Lori Englebert, MBA**  
EVP, Commercial & Business Dev.



## Board of Directors

**Roger Jeffs, PhD**  
CEO

Liquidia Corporation  
Former President, Co-CEO, Director United Therapeutics Corp.  
Prior positions at Amgen and Burroughs Wellcome

**Mark Saad**

Former CFO  
Bird Rock Bio, Inc.  
Former COO of the Global Healthcare Group at UBS

**Mark Coleman, MD**

Director of Clinical Services  
National Spine and Pain Centers  
Diplomat of the American Board of Anesthesiology

**Herriot Tabuteau, MD**  
Chairman



# Anticipated Upcoming Clinical and Regulatory Milestones

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## Regulatory and Commercial

- AXS-07**                      Migraine NDA, planned resubmission – 1H 2024
  - AXS-14**                      Fibromyalgia NDA, planned submission – 4Q 2023 or 1Q 2024
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## Clinical Trial Readouts

- AXS-12**                      SYMPHONY Phase 3 trial in narcolepsy, completion – 4Q 2023
  - AXS-05**                      ADVANCE-2 Phase 3 trial in Alzheimer’s disease agitation, completion – 1H 2024
  - solriamfetol**                      FOCUS Phase 3 trial in adult ADHD, completion – 2H 2024
- 

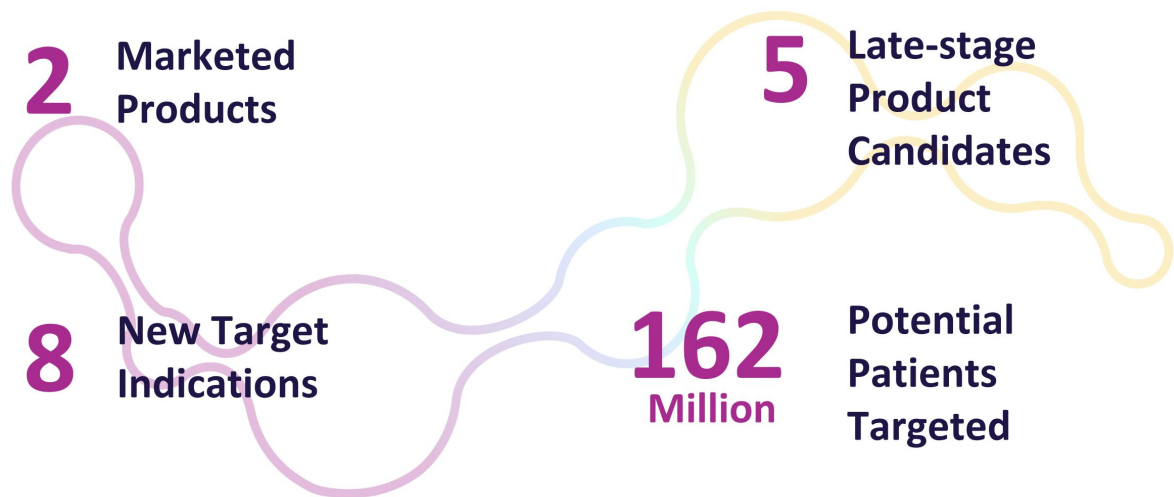
## Clinical Trial Initiations

- AXS-05**                      Phase 2/3 trial in smoking cessation, initiation – 4Q 2023 or 1Q 2024
  - solriamfetol**                      Phase 3 trial in binge eating disorder – 4Q 2023
  - solriamfetol**                      Phase 3 trial in shift work disorder – 1Q 2024
- 



# Rapidly Growing, CNS-Focused Biopharma

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# thank you

for more information, please contact:

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