



First Quarter 2025 Financial Results

May 1, 2025



| || Agenda

Welcome

- **Christine Lindenboom**
Chief Corporate Communications Officer

Overview

- **Yvonne Greenstreet, M.D., MBA**
Chief Executive Officer

Commercial Highlights

- **Tolga Tanguler**
Chief Commercial Officer

Pipeline

- **Pushkal Garg, M.D.**
Chief Medical Officer

Financial Summary and Upcoming Milestones

- **Jeff Poulton**
Chief Financial Officer

Q&A Session

|| Anylam Forward Looking Statements

This presentation contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. All statements other than historical statements of fact regarding Anylam's expectations, beliefs, goals, plans or prospects including, without limitation, statements regarding the potential for Anylam to experience sustainable growth and value creation in 2025 and for years to come; the future potential of Anylam's TTR franchise and the potential for Anylam to be the leader in TTR; Anylam's aspiration to become a unique, top-tier biotech company delivering sustainable innovation to patients for many years to come and the planned achievement of its "*Anylam P⁵x25*" goals by the end of 2025, including to achieve sustainable non-GAAP profitability beginning in 2025; the potential success of Anylam's launch of AMVUTTRA in ATTR-CM, including Anylam's ability to establish access and health systems formulary coverage for AMVUTTRA in ATTR-CM and for HCPs to prescribe AMVUTTRA for ATTR-CM; the potential size of the addressable patient population for ATTR-CM and the size of Anylam's opportunity in ATTR-CM; the potential receipt of additional regulatory approvals for AMVUTTRA in ATTR-CM and the timing of any such regulatory approvals; the potential for RNAi therapeutics to have a bright future across of broad range of diseases; the potential for Anylam to identify new potential drug development candidates and advance its research and development programs, including zilebesiran and nucresiran, and the timing of the initiation and readout of clinical trials of any of Anylam's product candidates; the potential success of any clinical trials of nucresiran and the potential for nucresiran to receive regulatory approval(s) and/or launch in any indication; Anylam's ability to achieve delivery of RNAi therapeutics to every major tissue by 2030; the potential impact of tariffs now in place and any future tariffs on Anylam's business and Anylam's ability to absorb the impact of such tariffs; the potential impact of other policies, including FDA personnel reorganization and other biotech industry initiatives, on Anylam's business; and Anylam's projected commercial and financial performance, including the expected range of TTR, Rare and combined net product revenues, net revenues from collaboration and royalties, Non-GAAP combined R&D and SG&A expenses and non-GAAP operating income for 2025, should be considered forward-looking statements.

Actual results and future plans may differ materially from those indicated by these forward-looking statements as a result of various important risks, uncertainties and other factors, including, without limitation, risks and uncertainties relating to Anylam's ability to successfully execute on its "*Anylam P⁵x25*" goals; Anylam's ability to discover and develop novel drug candidates and delivery approaches and successfully demonstrate the efficacy and safety of its product candidates; the pre-clinical and clinical results for Anylam's product candidates; actions or advice of regulatory agencies and Anylam's ability to obtain and maintain regulatory approval for its product candidates, as well as favorable pricing and reimbursement; successfully launching, marketing and selling Anylam's approved products globally; delays, interruptions or failures in the manufacture and supply of Anylam's product candidates or its marketed products; obtaining, maintaining and protecting intellectual property; Anylam's ability to manage its growth and operating expenses through disciplined investment in operations and its ability to achieve a self-sustainable financial profile in the future; Anylam's ability to maintain strategic business collaborations; Anylam's dependence on third parties for the development and commercialization of certain products, including Roche, Novartis, Sanofi, Regeneron and Vir; the outcome of litigation; the potential risk of future government investigations; and unexpected expenditures; as well as those risks more fully discussed in the "Risk Factors" filed with Anylam's 2024 Annual Report on Form 10-K filed with the SEC and in its other SEC filings. In addition, any forward-looking statements represent Anylam's views only as of the date of this presentation and should not be relied upon as representing Anylam's views as of any subsequent date. Anylam explicitly disclaims any obligation, except to the extent required by law, to update any forward-looking statements.

This presentation references non-GAAP financial measures. These measures are not in accordance with, or an alternative to, GAAP, and may be different from non-GAAP financial measures used by other companies. Percentage changes in revenue growth at Constant Exchange Rates, or CER, is a non-GAAP financial measure which is presented excluding the impact of changes in foreign currency exchange rates for investors to understand the underlying business performance. CER represents growth calculated as if the exchange rates had remained unchanged from those used during the prior fiscal year.

| || Overview

Yvonne Greenstreet, M.D., MBA
Chief Executive Officer

Strong Q1 Financial Results and Significant Advancement Toward Our Goal of Becoming the Global TTR Leader

Commercial Execution

Combined net product revenues:
\$469 million
(28% growth YoY)

*Primarily driven by U.S. TTR
(+45% growth YoY)*



Portfolio Advancement

Regulatory approvals of
AMVUTTRA® (vutrisiran) in ATTR-CM
and **Qfitlia™** for Hemophilia A or B¹

amvuttra
(vutrisiran) injection
25 mg/0.5 mL

Qfitlia™
(fitusiran) injection
50 mg/0.5 mL

Reiterated Guidance

On track to meet 2025 financial
guidance, including:

Combined net product revenues of
\$2,050 million to \$2,250 million

Achieve non-GAAP **profitability**



Positioned for Success Through 2025 and Beyond



**TTR
Leadership**



**Growth
Through
Innovation**



**Strong
Financial
Performance**

Best-in-Class Team + Award-Winning Culture

Continued Progress Against Ambitious Five-Year Goals



P5 x 25

PATIENTS: Over 0.5 million on Anylam RNAi therapeutics globally

PRODUCTS: 6+ marketed products in rare and prevalent diseases

PIPELINE: Over 20 clinical programs; 10+ in late stages; 4+ INDs per year

PERFORMANCE: ≥40% revenue CAGR through YE 2025

PROFITABILITY: Achieve sustainable non-GAAP profitability within period

| | Commercial Highlights

Tolga Tanguler

Chief Commercial Officer

|| Anylam Continued To Deliver Strong Performance in Q1'25

Growth Achieved Across Franchises; Primarily Driven by U.S. TTR Franchise

Q1 2025 Overall Portfolio

\$469 M

Combined Net Product Revenues

+28%

YoY growth¹
vs. Q1'24

+4%

QoQ growth¹
vs. Q4'24

TTR Franchise

Rare Franchise

amvuttra
(vutrisiran) injection
25 mg/0.5 mL

onpattro
(patisirán) lipid complex injection
10 mg/5 mL

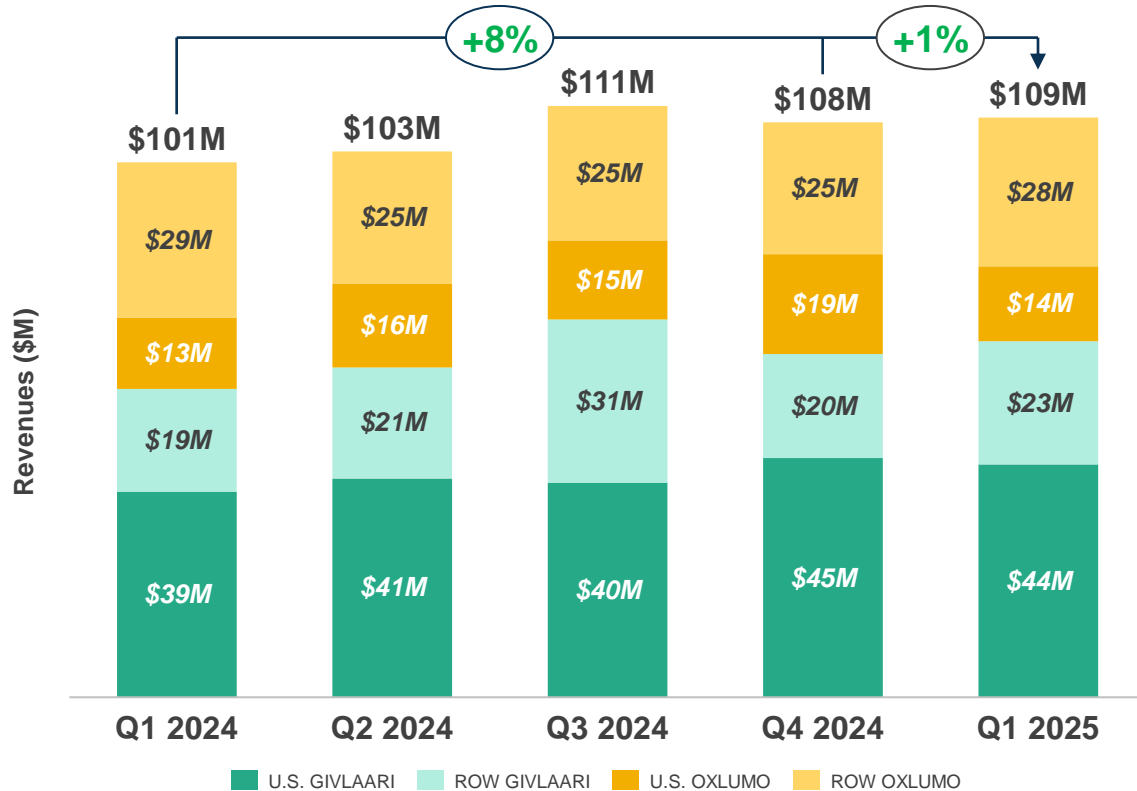
GIVLAARI[®]
(givosiran) injection for subcutaneous use
169 mg/mL

OXLUMO[®]
(lumasiran) for injection
94.5 mg/0.5 mL

Q1 2025: Rare Franchise Demand Growth Remains Healthy



\$109M
Total Rare
Global Q1 2025
Net Product Revenues



Q1 2025 Rare Franchise Highlights

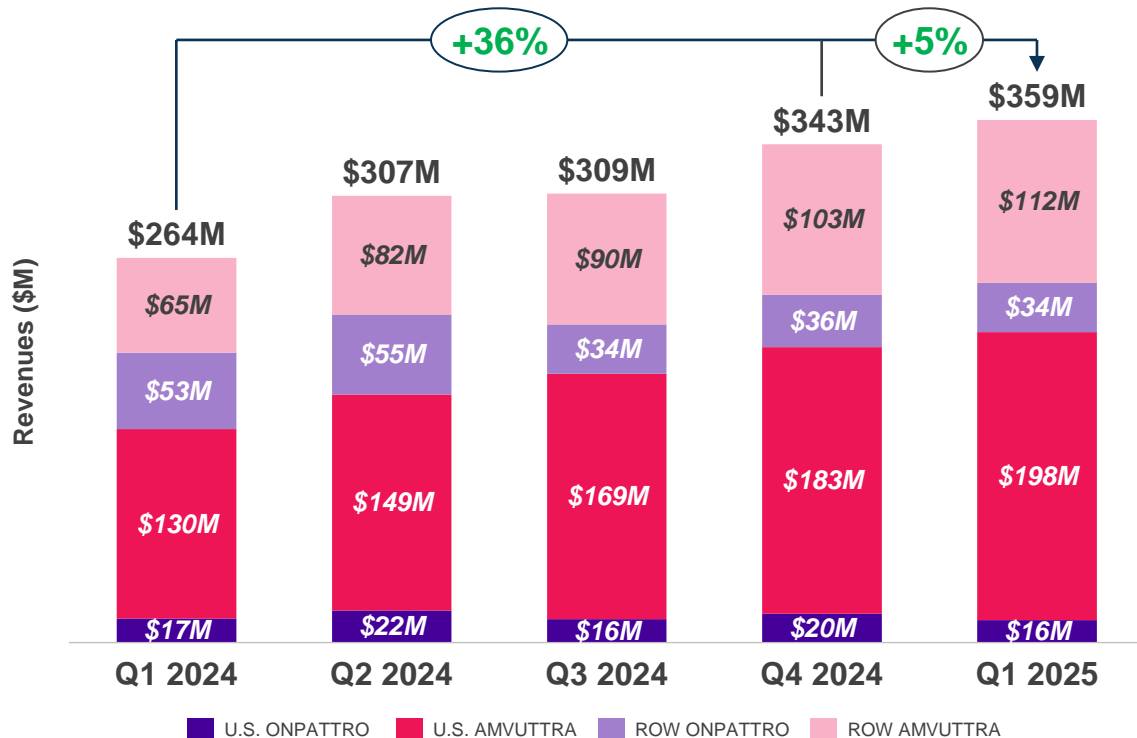
	YoY % Growth	QoQ % Growth
GIVLAARI	15%	4%
OXLUMO	-1%	-3%
Total Rare	8%	1%

- GIVLAARI YoY +15% growth highlights:
 - Demand driven by ~15% YoY increase in global patients on therapy
 - US growth favorably impacted by gross to net adjustment
- OXLUMO YoY -1% growth highlights:
 - ~20% YoY increase in global patients on therapy
 - Increase in patient demand offset by gross to net adjustments in European markets and timing of orders in partner markets
- Modest FX headwind -3% (YoY CER¹ growth = 11%)

Q1 2025: Robust 36% TTR Growth Driven by U.S. Performance



\$359M
Total TTR
Global Q1 2025
Net Product Revenues



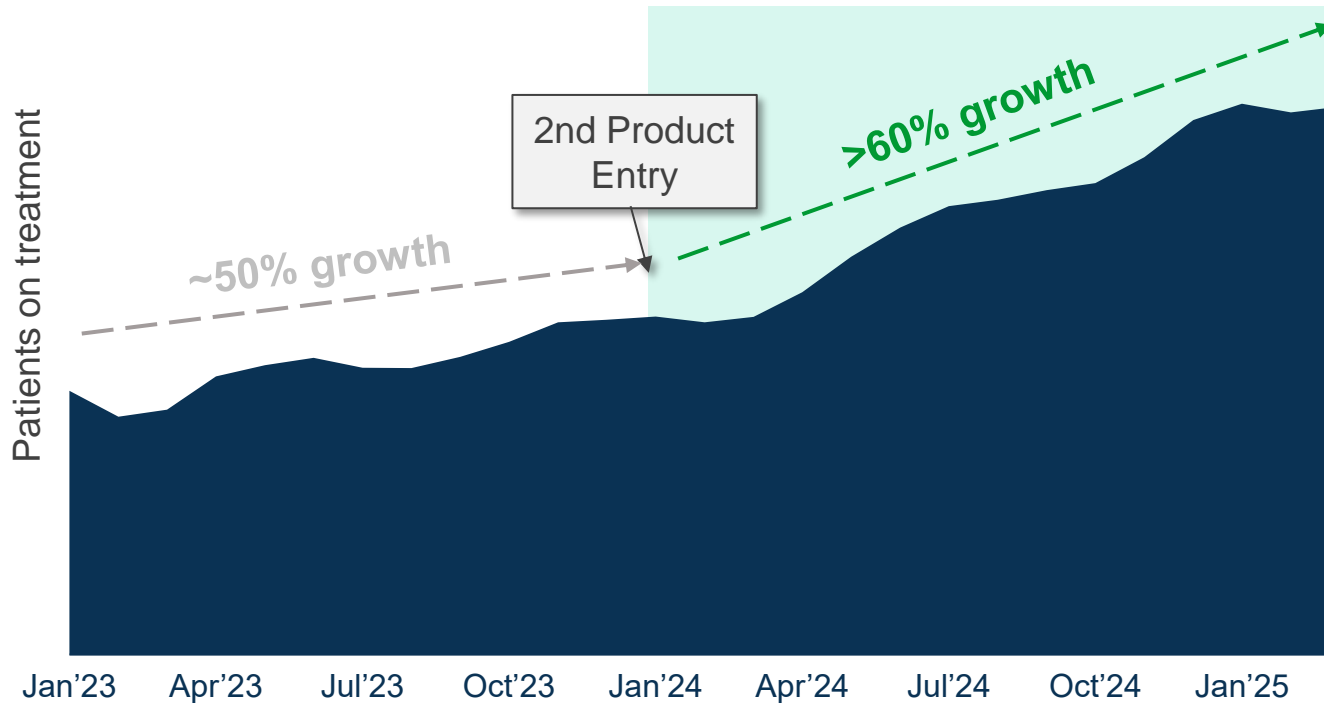
Q1 2025 TTR Franchise Highlights

	YoY % Growth	QoQ % Growth
U.S.	45%	5%
ROW	24%	5%
Global	36%	5%

- U.S. YoY +45% growth highlights:
 - Demand +32%, Inventory +6%, Gross-to-Net +7%
 - Captured ~70% of new to treatment hATTR-PN patients in Q1
 - No ATTR-CM sales in Q1 as launch initiated late March
- ROW YoY +24% growth highlights:
 - Primarily demand driven +21%
 - Partner markets growth benefited from initial launch in Australia
 - Preparing for ATTR-CM launch in Japan and Germany in 2H 2025
- Modest FX headwind -2% (YoY CER¹ growth = 38%)

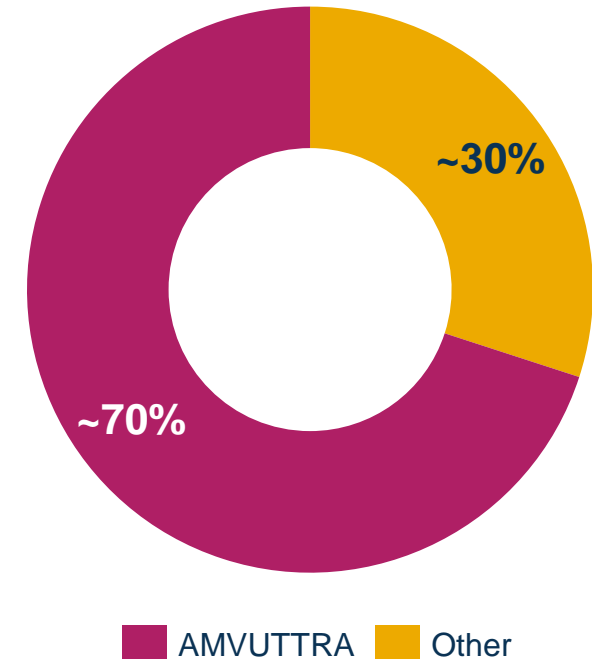
hATTR-PN | AMVUTTRA Drives Category Growth and Leads New Patient Share in U.S.

PN category growth accelerated as expected

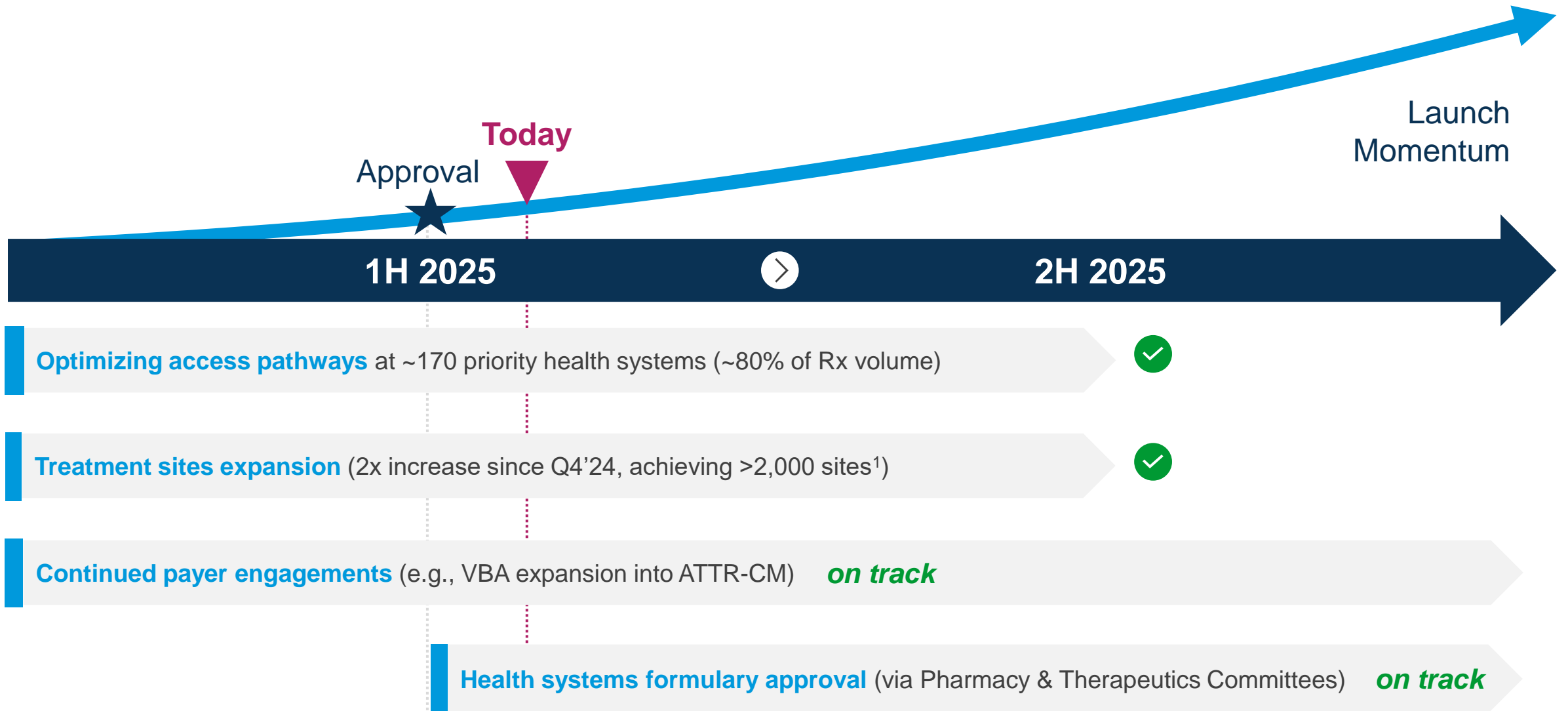


AMVUTTRA captured ~70% of new patient starts in Q1'25

hATTR-PN U.S. New Patient Share in Q1'25



ATTR-CM | Momentum Building for Second Half of 2025



ATTR-CM | U.S. Launch Off To A Strong Start

Access & Affordability

Patients Are Accessing AMVUTTRA Across Payer Mix

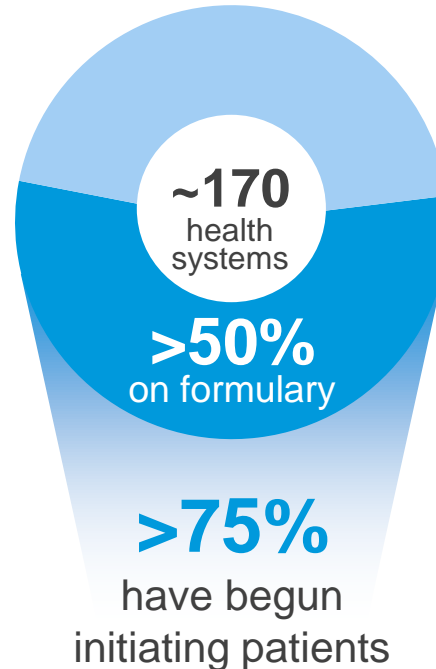
Commercial, Medicare FFS, and Medicare Advantage

Majority of lives are covered by VBAs that include ATTR-CM

\$0 co-pay
for majority of patients

Health System Formulary Coverage

Rapid Progress on Formulary Inclusion



Treatment Choice

AMVUTTRA's First-Line Profile Is Resonating

~60% of HCPs agree that silencing TTR gives ATTR patients optimal outcomes

Broad Patient Uptake



Continue to Communicate Progress

✓
**PDUFA,
U.S. Launch**

Final Label
& Launch
Readiness
Indicators

Today
**Q1'25
Earnings**

Early Launch
Indicators &
Customer
Feedback

**Q2'25
Earnings**

Additional Launch
Indicators

**Q3'25
Earnings**

Customer
Utilization

**2025
Guidance**

**\$1,600 to
\$1,725 Million**

**Total TTR
Product Sales**

I II Pipeline

Pushkal Garg, M.D.

Chief Medical Officer

AMVUTTRA Therapeutic Profile Supports First-Line Potential

Population Representative of Today's Patients

~50%

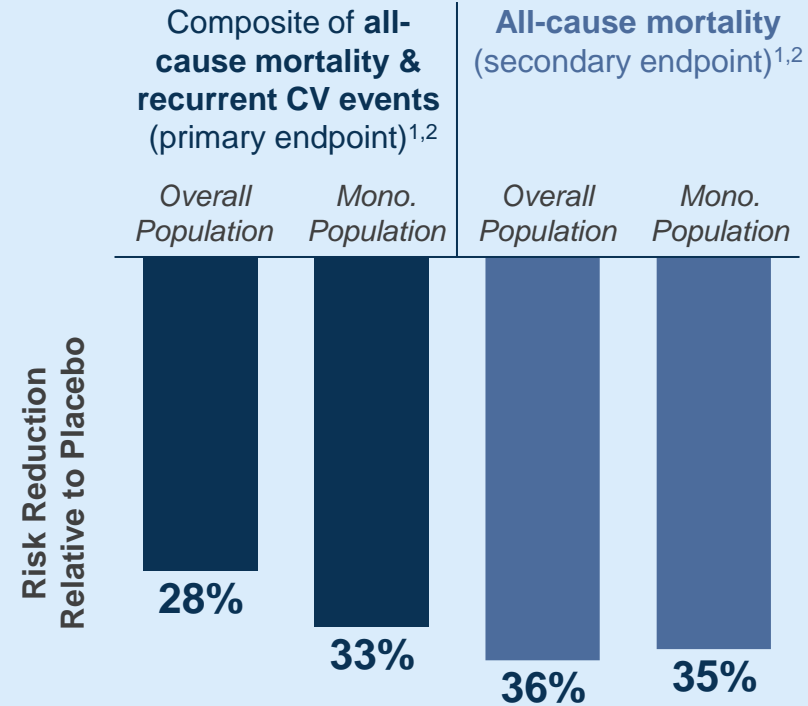
of patients were on **tafamidis** at baseline or during DB period

~30%

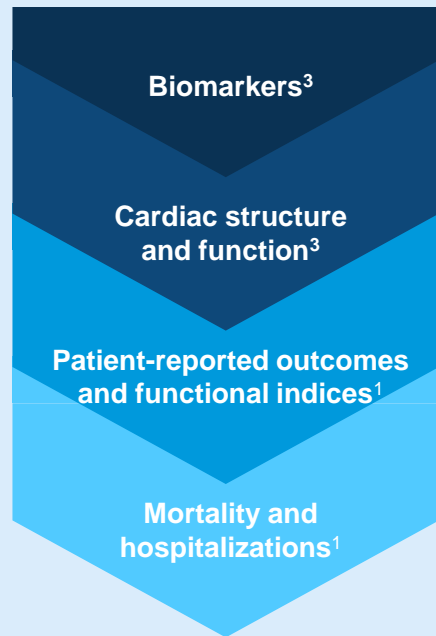
of patients started **SGLT2** inhibitors during DB period

~80%

of patients were on **diuretics** at baseline and ~50% had intensification or initiation of diuretics after 1st dose



Broad Impact on ATTR-CM Parameters with Substantial Improvement of CV Outcomes



4 subcutaneous doses per year

AMVUTTRA Regulatory Progress



U.S.

APPROVED



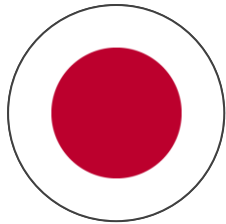
Brazil

APPROVED



European Union

POSITIVE CHMP OPINION



Japan

expected Q2 2025



United Kingdom

expected Q3 2025



Canada

expected Q4 2025



Additional countries

expected 2026-2027

Continued Evidence Generation from HELIOS-B to Support AMVUTTRA Differentiation

Echocardiographic Parameters¹

- Vutrisiran improved diastolic function and attenuated declines in LV and RV systolic function at 18 months

Baseline Heart Failure Severity²

- Consistent benefit across range of baseline disease severities
- Greatest benefit observed in patients with earlier, less severe disease

Functional Capacity, Health Status, Quality of Life³

- Significantly more vutrisiran patients maintained or improved functional capacity, health status, and quality of life over 30 months compared to placebo



Nucresiran TRITON Phase 3 Program


Potential to Launch in hATTR-PN Ahead of ATTR-CM

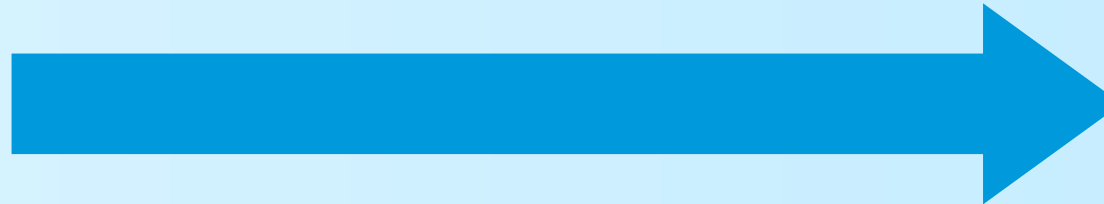

TRITON-CM
ATTR-CM CLINICAL STUDY
CVO primary endpoint
(event driven)



*Assumed Launch
~2030*

- Randomized, double-blind, event-driven outcomes study
- Initiation expected first half 2025


TRITON-PN
hATTR-PN CLINICAL STUDY
mNIS+7 primary
endpoint



*Targeting Launch
several years earlier*

- Exploring efficient designs; history of innovative designs with HELIOS-A FPI to top line in ~2 years
- Initiation expected late 2025

Robust and High-Value Pipeline of RNAi Therapeutics

		PHASE 1	PHASE 2	PHASE 3	APPROVED
TTR	ONPATTRO® (patisiran)	hATTR Amyloidosis with Polyneuropathy			
	AMVUTTRA® (vutrisiran)	ATTR Amyloidosis with Cardiomyopathy and hATTR Amyloidosis with Polyneuropathy			
	Nucresiran (ALN-TTRsc04)	ATTR Amyloidosis			
RARE	GIVLAARI® (givosiran)	Acute Hepatic Porphyria			
	OXLUMO® (lumasiran)	Primary Hyperoxaluria Type 1			
	Qfitlia™ (fitusiran) ¹	Hemophilia A or B			
	Cemdisiran ¹	Myasthenia Gravis			
	Cemdisiran ¹	Paroxysmal Nocturnal Hemoglobinuria			
	ALN-6400	Bleeding Disorders			
CARDIOVASCULAR	Leqvio® (inclisiran) ¹	Hypercholesterolemia			
	Zilebesiran ²	Hypertension			
	Zilebesiran + REVERSIR ²	Hypertension			
METABOLIC	Rapirosiran (ALN-HSD) ¹	Metabolic Dysfunction-Associated Steatohepatitis (MASH)			
	ALN-4324	Type 2 Diabetes Mellitus			
	ALN-PNP ³	Non-Alcoholic Fatty Liver Disease (NAFLD)			
	ALN-APOC3 ¹	Dyslipidemia			
	ALN-CIDEB ¹	MASH			
NEUROLOGIC	Mivelsiran ⁴	Cerebral Amyloid Angiopathy			
	Mivelsiran ⁴	Alzheimer's Disease			
	ALN-HTT02 ⁵	Huntington's Disease			
	ALN-SOD ³	SOD1 Amyotrophic Lateral Sclerosis			
OTHER	Cemdisiran ¹	Geographic Atrophy			
	Elebsiran ¹	Hepatitis D Virus Infection			
	Elebsiran ¹	Hepatitis B Virus Infection			
	ALN-BCAT	Hepatocellular Carcinoma			
	ALN-ANG3 ¹	Healthy Volunteers			
	ALN-F1202 ¹	Healthy Volunteers			

I II **Financial Summary and Upcoming Milestones**

Jeff Poulton

Chief Financial Officer

Q1 2025 Financial Summary

(\$ in millions except where noted as percentages)	Q1 2024	Q1 2025	Q1 2025 vs Q1 2024 (Reported)	Q1 2025 vs Q1 2024 (CER ²)
<u>Total Combined Net Product Revenues</u>	\$365	\$469	28%	30%
<u>Net Revenues from Collaborations & Royalties</u>	129	126	(3%)	
Collaboration Revenue	119	99	(16%)	
Royalty Revenue	11	26	149%	
<u>Total Cost of Goods Sold, Collaborations & Royalties</u>	66	71		
<i>Gross Margin on Product Revenues</i>	85%	85%		
<i>Gross Margin on Total Revenues</i>	87%	88%		
<u>Non-GAAP Combined R&D and SG&A Expenses</u>¹	426	448	5%	
R&D	242	241	-	
SG&A	185	207	12%	
<u>Non-GAAP Operating Income</u>	2	75		
<i>Non-GAAP Operating Margin</i>	0%	13%		
<u>Non-GAAP Net Loss</u>	(21)	(1)		

(\$ in millions)	Q4 2024	Q1 2025
Cash, Cash Equivalents & Marketable Securities (period end)	2,695	2,632

¹ Non-GAAP R&D expenses, Non-GAAP SG&A expenses and Non-GAAP operating income / (loss) are non-GAAP financial measures that exclude from the corresponding GAAP measures costs related to stock-based compensation expense. A reconciliation of these non-GAAP financial measures to the comparable GAAP measures, as well as additional information regarding our use of non-GAAP financial measures, are included in the Appendix to this presentation and in our press release dated May 1, 2025, which is accessible in the Investors section of our website at www.alnylam.com.

² CER growth rates represent growth at Constant Exchange Rates, a non-GAAP financial measure determined by comparing Q1 2025 performance (restated using Q1 2024 exchange rates) to actual Q1 2024 reported performance.

2025 Full-Year Guidance





Item	FY 2025 Guidance	Key Assumptions
Total TTR Net Product Revenues (PN & CM) (AMVUTTRA, ONPATTRO)	\$1,600 to \$1,725 million	<ul style="list-style-type: none"> AMVUTTRA-CM approval and launch in Germany and Japan in the second half of 2025
Total Rare Net Product Revenues (GIVLAARI, OXLUMO)	\$450 to \$525 million	
Total Combined Net Product Revenues¹	\$2,050 to \$2,250 million	
<i>Net Product Revenues Growth vs. 2024 at Reported FX Rates¹</i>	<i>25% to 37%</i>	<ul style="list-style-type: none"> Uses December 31, 2024 FX rates for remainder of year forecast
<i>Net Product Revenues Growth vs. 2024 at constant exchange rates (i.e., operational growth)²</i>	<i>26% to 39%</i>	<ul style="list-style-type: none"> Uses 2024 actual FX rates
Net Revenues from Collaborations & Royalties	\$650 to \$750 million	<ul style="list-style-type: none"> Achievement of \$300M CVOT milestone with Roche
Non-GAAP Combined R&D and SG&A Expenses³	\$2,100 to \$2,200 million	
Non-GAAP Operating Income³	Achieve profitability	

¹ Our 2025 FY Guidance is based upon December 31, 2024 FX rates including 1 EUR = 1.04 USD and 1 USD = 157 JPY

² CER = constant exchange rate, representing growth calculated as if exchange rates had remained unchanged from those used in 2024. CER is a non-GAAP financial measure

³ 2025 Non-GAAP Combined R&D and SG&A Expenses and Non-GAAP Operating Income guidance are non-GAAP financial measures that exclude from the corresponding GAAP measures stock-based compensation expense estimated at \$270M - \$330M.

Anylam 2025 Goals

   		Combined Net Product Revenue Guidance \$2,050M – \$2,250M	2025
VUTRISIRAN	ATTR Amyloidosis	U.S. FDA Approval	March 20, 2025 ✓
		Additional Global Approvals (Japan, EU)	Q2, Q3
NUCRESIRAN* (ALN-TTRsc04)	ATTR Amyloidosis	Initiate Phase 3 Study in ATTR-CM	H1
		Initiate Phase 3 Study in hATTR-PN	H2
ZILEBESIRAN*	Hypertension	KARDIA-3 Phase 2 Results	H2
		Initiate Phase 3 CVOT	H2
MIVELSIRAN*	Cerebral Amyloid Angiopathy and Alzheimer's Disease	Interim Phase 1 Part B Data in EOAD	H2
		Initiate Phase 2 Study in AD	H2
ALN-6400*	Bleeding Disorders	Initiate Phase 2 Study	H2
ADDITIONAL PROGRAMS		File ≥4 New INDs	2025
KEY PARTNER-LED PROGRAM MILESTONES			
FITUSIRAN* (Sanofi)	Hemophilia	U.S. FDA Approval	March 28, 2025 ✓
ELEBSIRAN* (Vir)	Chronic HBV/HDV	Initiate Phase 3 study in HDV	H1 ✓
		Phase 2 HBV Functional Cure Results	Q2
CEMDISIRAN* (Regeneron)	Complement-Mediated Diseases	Phase 3 MG Results	H2

| || Q&A Session

Q1 2025 Financial Results



Silence disease

Amplify life™

 Alnylam®

| || Appendix

Q1 2025 Financial Results

Anylam Pharmaceuticals, Inc.

Reconciliation of Selected GAAP Measures to Non-GAAP Measures (In thousands)

	Three Months Ended	
	March 31, 2025	March 31, 2024
Reconciliation of GAAP to Non-GAAP Research and development:		
GAAP Research and development	\$ 265,122	\$ 260,995
Less: Stock-based compensation expenses	(23,798)	(19,215)
Non-GAAP Research and development	<u>\$ 241,324</u>	<u>\$ 241,780</u>
Reconciliation of GAAP to Non-GAAP Selling, general and administrative:		
GAAP Selling, general and administrative	\$ 239,949	\$ 210,797
Less: Stock-based compensation expenses	(32,914)	(26,132)
Non-GAAP Selling, general and administrative	<u>\$ 207,035</u>	<u>\$ 184,665</u>
Reconciliation of GAAP to Non-GAAP Income (loss) from operations:		
GAAP Income (loss) from operations	\$ 18,077	\$ (43,435)
Add: Stock-based compensation expenses	56,712	45,347
Non-GAAP Operating income	<u>\$ 74,789</u>	<u>\$ 1,912</u>
Reconciliation of GAAP to Non-GAAP Net loss:		
GAAP Net loss	\$ (57,479)	\$ (65,935)
Add: Stock-based compensation expenses	56,712	45,347
Add: Unrealized loss (gain) on marketable equity securities	956	(78)
Less: Income tax effect of GAAP to non-GAAP reconciling items	(1,476)	—
Non-GAAP Net loss	<u>\$ (1,287)</u>	<u>\$ (20,666)</u>
Reconciliation of GAAP to Non-GAAP Net loss per common share - basic and diluted:		
GAAP Net loss per common share — basic and diluted	\$ (0.44)	\$ (0.52)
Add: Stock-based compensation expenses	0.44	0.36
Add: Unrealized loss (gain) on marketable equity securities	0.01	—
Less: Income tax effect of GAAP to non-GAAP reconciling items	(0.01)	—
Non-GAAP Net loss per common share — basic and diluted	<u>\$ (0.01)</u>	<u>\$ (0.16)</u>



Anylam Pharmaceuticals, Inc.

Reconciliation of Product Revenue and Growth at Constant Currency

	<u>March 31, 2025</u>
	<u>Three Months Ended</u>
Total TTR net product revenue growth, as reported	36 %
Add: Impact of foreign currency translation	2
Total TTR net product revenue growth at constant currency	<u>38 %</u>
Total Rare net product revenue growth, as reported	8 %
Add: Impact of foreign currency translation	3
Total Rare net product revenue growth at constant currency	<u>11 %</u>
Total net product revenue growth, as reported	28 %
Add: Impact of foreign currency translation	2
Total net product revenue growth at constant currency	<u>30 %</u>