ROYALTY PHARMA

Corporate Presentation

May 2025

Forward looking statements & Non-GAAP Measures

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Also, this presentation will include certain financial measures that were not prepared in accordance with U.S. generally accepted accounting principles ("GAAP"). Additional information regarding non-GAAP liquidity measures can be found in the Appendix. Any non-U.S. GAAP liquidity measures presented are not, and should not be viewed as, substitutes for measures required by GAAP, have no standardized meaning prescribed by GAAP and may not be comparable to the calculation of similar measures of other companies.



Our vision

To be the leading partner funding innovation in life sciences

Our mission

By collaborating to accelerate innovation, we enable our partners to transform patient lives

Royalty Pharma: A unique way to invest in biopharma

(Nasdag: RPRX)

Market leader and pioneer

Compounding growth through value creation

28

years of compounding value

~56%

share of pharmaceutical royalty market⁽¹⁾

10%+

top-line CAGR expected over this decade(2)

Low-teens

% average unlevered IRR over multiple decades, high-teens or better with conservative leverage⁽³⁾

Long duration, diversified portfolio

year portfolio duration with track record of growing through royalty expirations

blockbusters (>\$1bn in annual sales) in portfolio⁽⁴⁾

Significant funding opportunity

>\$1 trillion

capital required for biopharma innovation over next decade

\$10-12 billion

RP expected capital deployment from 2022-2026; path to double this longer term⁽⁵⁾

Strong track record

History

of identifying most transformative products ~13%

top-line CAGR achieved between 2010-2020

Efficient business model

~7-8%

cost of capital even with higher rates

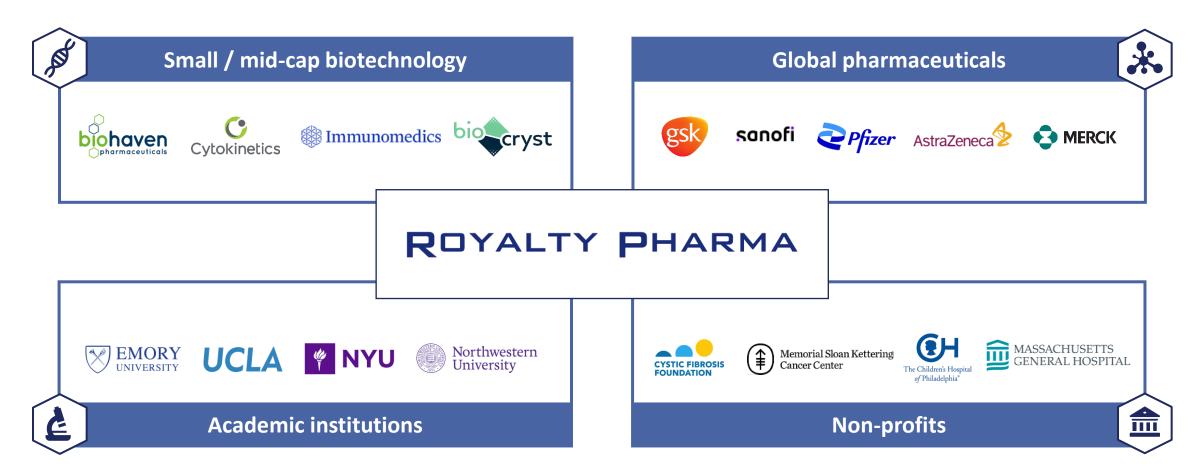
\$2.8 billion

2024 top line; 92% Adjusted EBITDA margins, providing consistent and growing cash flow to be redeployed

Note: "Top line" refers to Royalty Pharma's Portfolio Receipts. 1. Royalty Pharma market share from 2012–2024; internal estimates of biopharma royalty market based on announced transactions. 2. Royalty Pharma top-line CAGR includes includes future investments. Royalty Pharma's growth target provided at May 2022 Investor Day. See slide 67 for additional details. 3. Returns reflect a combination of actual results and

Deep network across the biopharma ecosystem

Leading provider of funding solutions for life sciences innovation

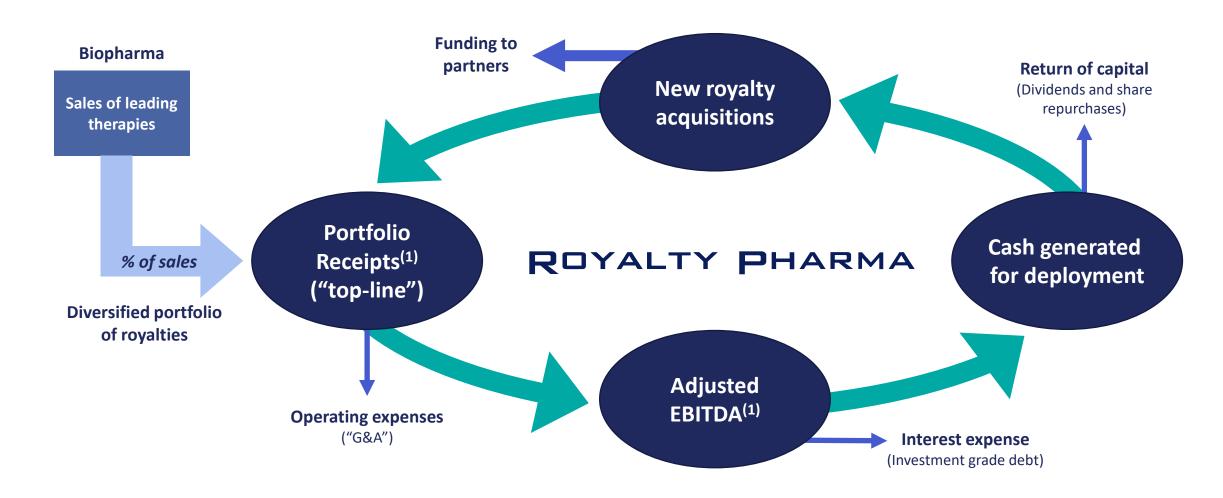


ROYALTY PHARMA

Advancing our partners' core mission with win-win solutions

Potential benefits to partner Structure Memorial Sloan Kettering • Diversification of asset portfolio Cancer Center **Existing** Non-dilutive funding for business growth and investment royalties UCLA **MYU** • Upfront capital today in exchange for a long-dated stream of payments M Immunomedics • Funding for completion of development and commercialization of portfolio **Synthetic** biohaven • Retain operational control of development programs royalties Cytokinetics Lower cost of capital than issuing equity 🥰 Pfizer 🚱 MERCK Sanofi Launch & • Launch funding offers flexible, patient, long-term alternative financing **Morphosus** development Cytokinetics • Lower cost of capital than selling equity and less restrictive than debt capital astellas • Monetize non-strategic passive royalties to reduce net M&A price M&A Perrigo[®] Capital provided through purchase of royalties and supplemental funding

Simple and efficient business model focused on cash flow



Large diversified royalty portfolio generates significant cash to redeploy in new royalties

Royalty Pharma is now an integrated public company

Externally managed from 1996 – May 2025

Previous structure Management fee ~6.5% of Portfolio Receipts(1) public private Royalty Manager Pharma plc (RPRX) Services rendered Manager expenses including due diligence, support functions, etc. Investment portfolio Intellectual capital / platform >35 approved products ~100 employees • 15 development-stage therapies Scaled investment platform • 15 blockbusters (>\$1bn in sales)⁽²⁾ Long-tenured team Consistent replenishment Deep industry relationships

Current structure Integrated public company ✓ Significant cash savings Royalty Enhances returns Strengthens alignment Pharma plc Ensures continuity (RPRX) Improves governance Simplifies structure **Investment portfolio** Intellectual capital / platform >35 approved products ~100 employees 15 development-stage therapies Scaled investment platform 15 blockbusters (>\$1bn in sales)(2) Long-tenured team Consistent replenishment Deep industry relationships

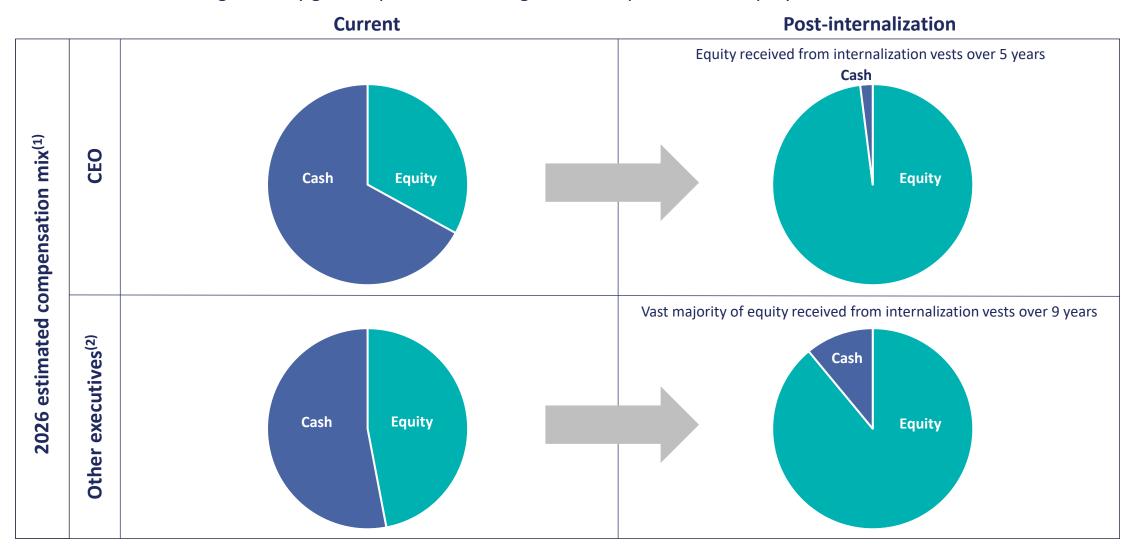
- **POYALTY PHARMA**
- 1. The management fee is equal to a fixed percentage of 6.5% of the cash receipts from Royalty Investments (as defined in the Management Agreement) or Portfolio Receipts for such quarter and 0.25% of the value of our security investments under GAAP as of the end of such quarter. Our predecessor was founded in 1996 and we were incorporated under the laws of England and Wales on February 6, 2020.
- 2. Calculated based on Visible Alpha projections for 2024 end market sales and excludes products tied to recently expired royalties.

Multiple benefits from internalizing the Manager

		Benefits
Financial	Savings	Cash savings are expected to be >\$100m in 2026 and >\$175m in 2030, compared to status quo, with cumulative savings of >\$1.6bn over ten years
	Returns	Extinguishment of the management fee enhances returns to shareholders on investments
	Valuation	Responsive to investor feedback that the externally managed structure is an impediment to investing in Royalty Pharma; Internalizing the Manager could expand Royalty Pharma's shareholder base and enhance valuation over time
	Alignment	Majority of total consideration consists of equity vesting over 5 to 9 years, replacing cash bonuses to senior management through 2033; extinguishing the management fee largely for equity further strengthens alignment
egic	Continuity	Employees of RP Management become part of integrated company, ensuring long-term continuity of personnel and operations; 5 to 9 year vesting of equity consideration maximizes retention
Strategic	Governance	Greater Board oversight on executive compensation and succession furthers commitment to robust governance
	Simplification	New integrated structure will reduce complexity, ease comparability with other companies and enhance transparency

Strengthening alignment with shareholders

Transaction results in significantly greater portion of management compensation in equity



^{1.} For this analysis Equity Performance Awards are treated as equity. A portion of equity performance awards will be paid in cash to enable recipients to pay taxes, with the after-tax amount settled in equity.

2. Represents other named executive officers of Royalty Pharma.

Internalization expected to result in significant cash savings

Acquiring the Manager for ~\$1.1bn total consideration

Consideration	Amount	Details
Cash	~\$100m ⁽¹⁾	-
Debt	\$380m	Assumption of existing Manager debt is leverage neutral to Royalty Pharma
Shares	~24.5m	Equity vests over 5 to 9 years
Total	~\$1.1bn	Majority of total consideration paid in Royalty Pharma equity over time

Benefits include significant savings expected to grow over time



^{1.} Royalty Pharma will pay the Manager \$200 million in cash less any management fee paid to the Manager from January 1, 2025 through the closing of the transaction. The transaction is estimated to close during the second quarter of 2025 and the management fees paid through the closing is expected to be approximately \$100 million.

ROYALTY PHARMA 2. Reflects estimated impact of equity consideration on weighted average diluted share count for each year. Figures based on \$26.20 share price (RPRX closing price as of 1/8/2025); actual vesting schedule may vary as purchase price allocation to 5- and 9-year vesting portions will be based on share price at transaction close. Assumes transaction close in Q2 2025.

Internalization savings to drive increased Portfolio Cash Flow

\$ in millions	Q1 2025	% Change	% PR	FY 2024	% Change	% PR	Internalization impact
Royalty Receipts ⁽¹⁾	788	+12%		2,771	+13%		No impact
Milestones & other contractual receipts	51	n/a		31	-95%		No impact
Portfolio Receipts	839	+17%		2,801	-8%		No impact
Payments for operating and professional costs	-102		12.1%	-236		8.0%	Reduction to ~4-5% of Portfolio Receipts in 2026 compared to initial guidance of 8% to 9% in 2024
Adjusted EBITDA (non-GAAP)	738		87.9%	2,565		92.0%	Cash savings will increase Adjusted EBITDA
Interest received/(paid), net	-127			-113			Manager's debt would have increased interest paid by ~\$20m in 2024 vs guidance of ~\$160m
Portfolio Cash Flow (non-GAAP)	611		72.8%	2,452		88.8%	Cash savings will increase Portfolio Cash Flow
Capital Deployment	-101			-2,761			
Share count ⁽²⁾	578			594			Equity consideration vests over 5 to 9 years

Reported net of legacy non-controlling interests to facilitate increased transparency of individual royalty economics and milestones.
 Reflects weighted-average diluted Class A ordinary shares outstanding in millions.

Delivering double-digit growth on average since IPO

Royalty Receipts

(year/year growth; \$ in millions)

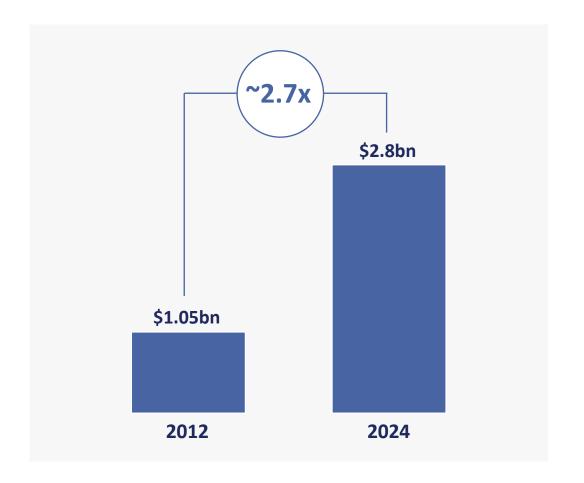


^{1.} Growth rates are presented on a pro forma basis. See slide 72 for definition and additional information.

^{2.} Royalty Receipts in the second quarter are typically lower than the first quarter as royalties for certain products or franchises are tiered and typically reset at the beginning of the year. Thus, second quarter Royalty Receipts (reflecting first quarter sales) often include royalties on sales at the lowest royalty tier.

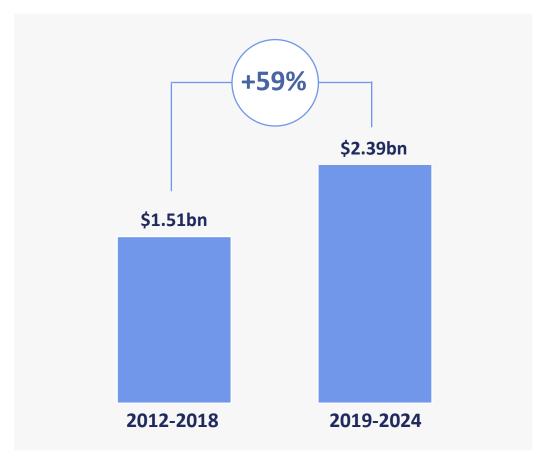
Track record of delivering strong growth



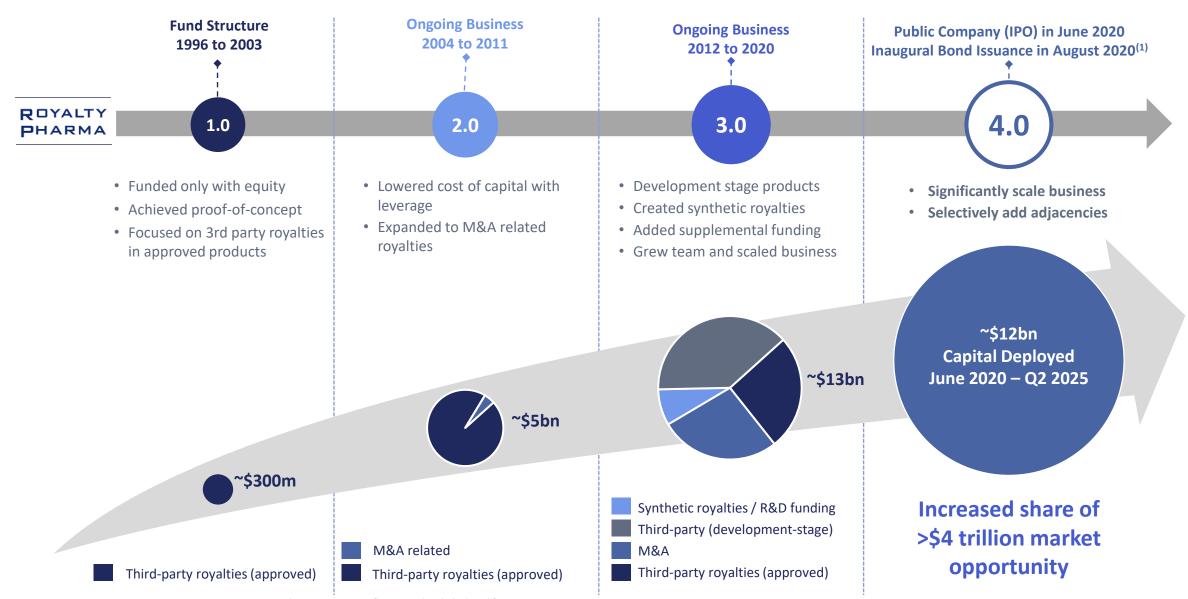


Capital Deployment

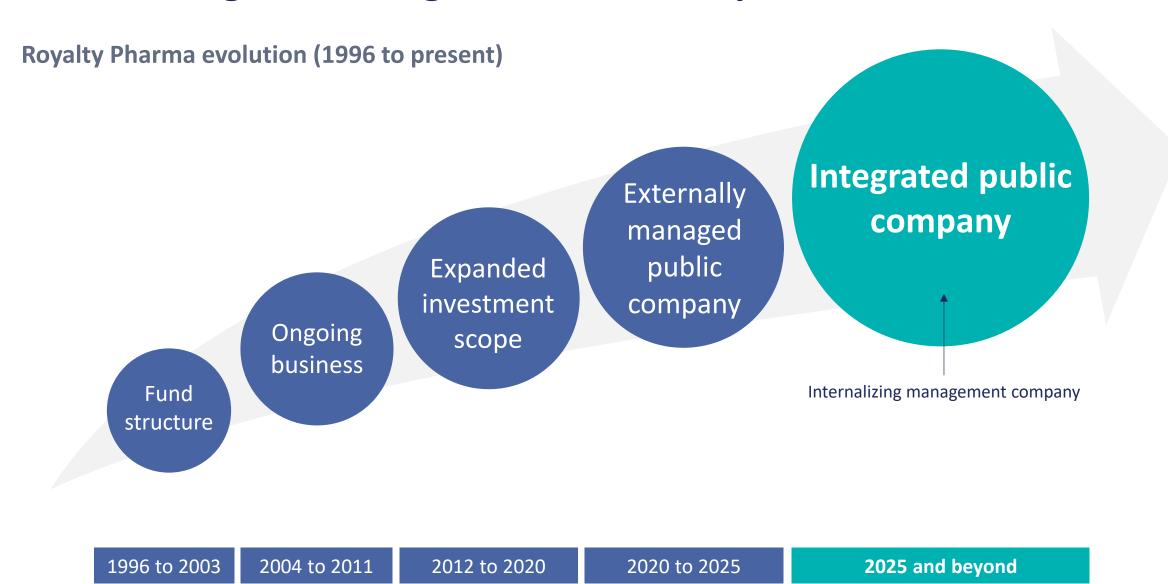
(annual average)



Innovative business model supports biopharma ecosystem



Internalizing the Manager is the next step in our evolution

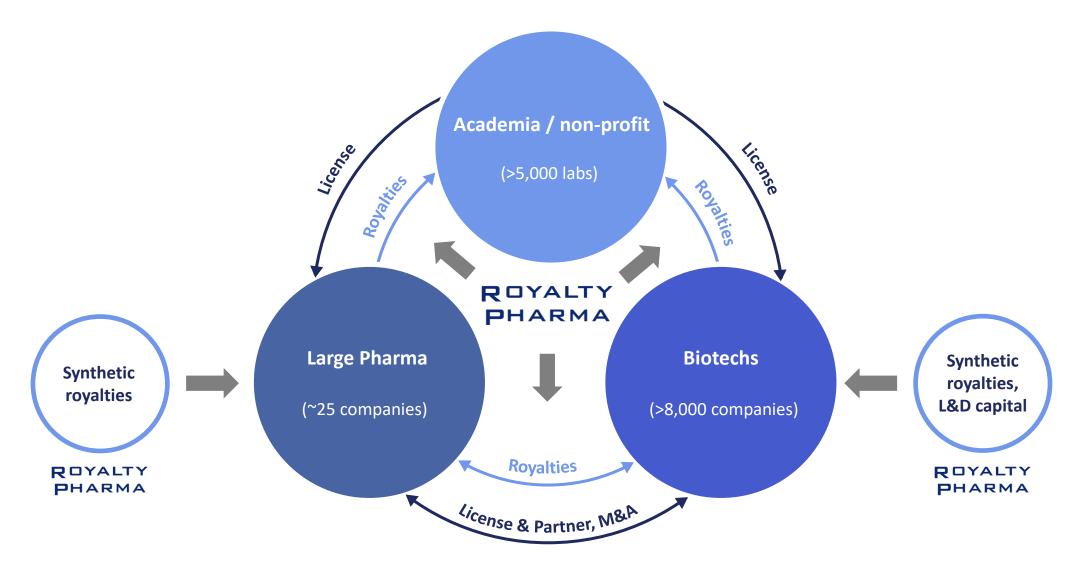


Strong competitive moat in biopharma royalty funding

	Business model	Scale	Platform
ROYALTY	 Publicly traded company Long royalty durations ~7-8% cost of capital ~3.1% cost of debt⁽¹⁾ 	 Portfolio >45 products Large investment capacity Deep capital markets access Ability to leverage portfolio 	 Long-tenured team Singular biopharma focus Long collaboration history Deep industry relationships Partner of choice
Other Royalty Buyers	 Serial fund structures Often shorter royalty durations High-single to double-digit cost of capital 	 Smaller, concentrated portfolios Funded with significantly more expensive private debt and equity 	Multi-strategyNew to industry

ROYALTY PHARMA 1. Weighted average coupon.

Industry fragmentation and complexity drive royalty creation

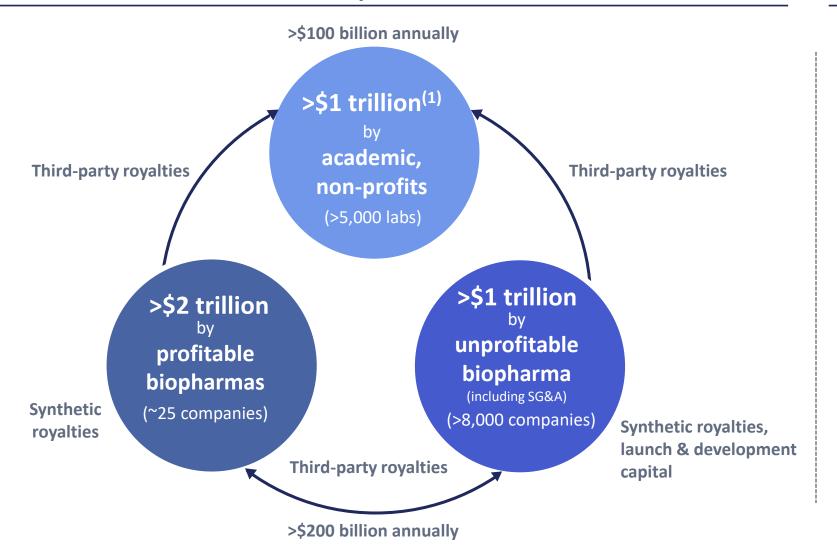


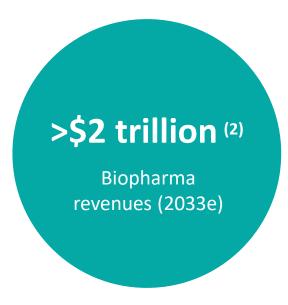
ROYALTY PHARMA L&D: launch & development capital

Global funding of life sciences R&D

Cumulative R&D spend over next decade

Global pharma market⁽²⁾



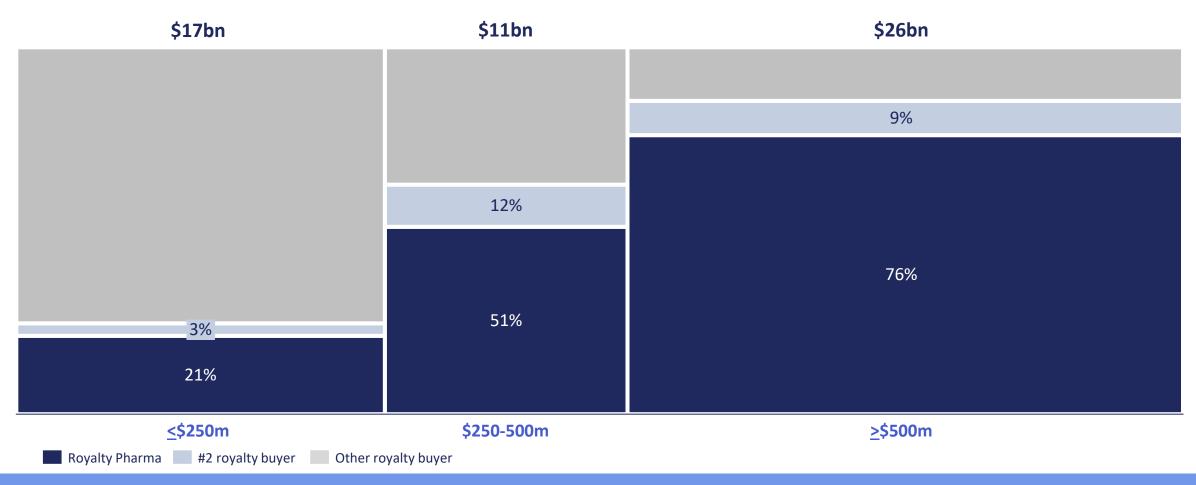


Source: Bloomberg, Visible Alpha and CapIQ

- 1. Based on estimates from Research America and internal Royalty Pharma analysis.
- 2. Based on Evaluate Pharma as of January 2024.

Royalty Pharma is the leader in royalty transactions

Biopharma royalty market size and share by transaction value, 2012-2025 YTD⁽¹⁾

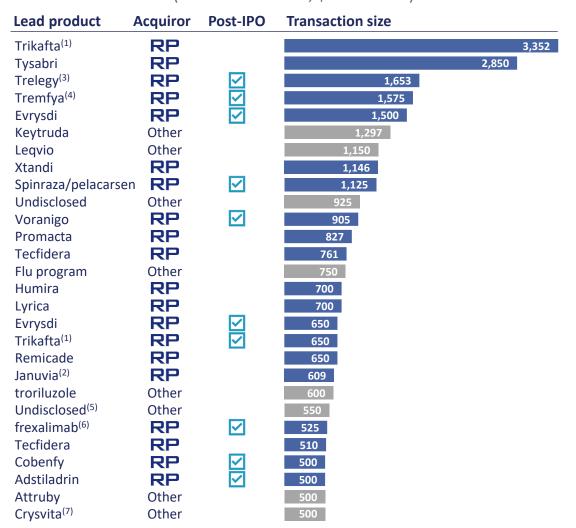


Royalty Pharma has maintained a majority overall share since 2012 and is the go-to partner for larger transactions

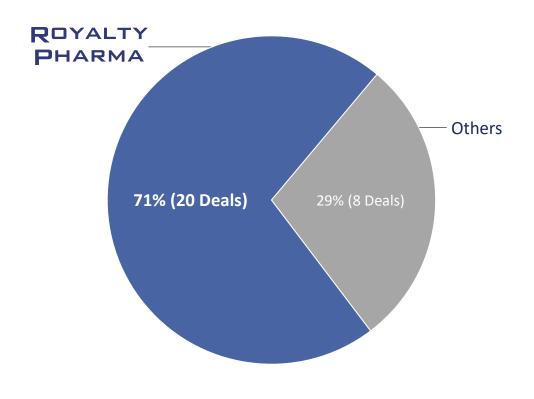
Royalty Pharma dominates large royalty transactions

Royalty transactions ≥\$500m

(announced value; \$ in millions)



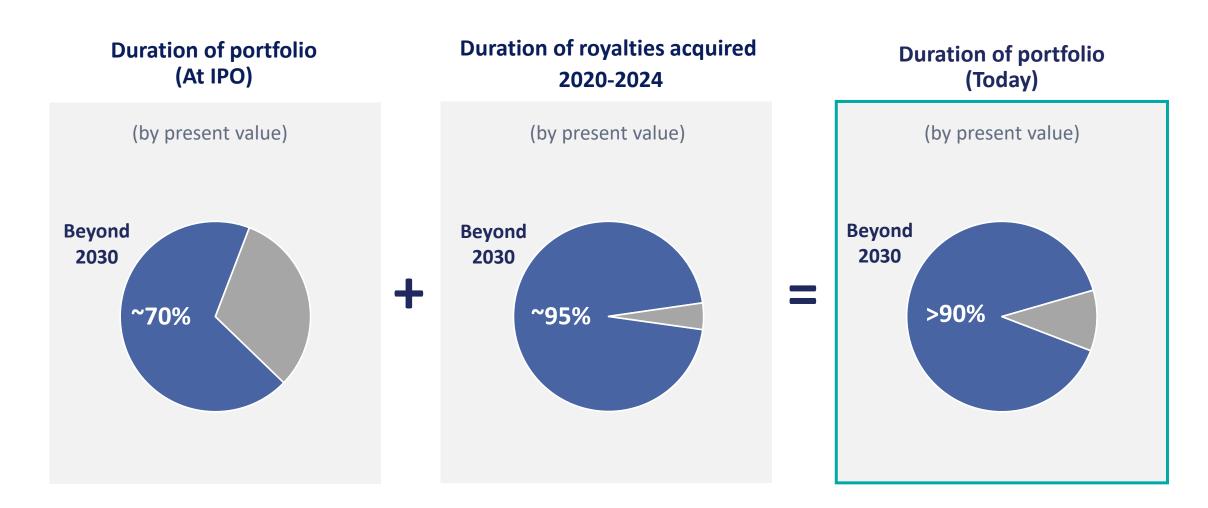
Market share of deals ≥\$500m (by count)



Note: transaction size excludes equity and debt investments

^{1.} Products representative of royalties on franchises include Trikafta (CF Franchise). 2. Products representative of royalties on franchises include Januvia (DPP-IVs). 3. Transaction value also includes ampreloxetine. 4. Transaction value also includes amount paid for royalties on gantenerumab/trontinemab, otilimab, pelabresib, tulmimetostat. 5. R&D funding deal with Pfizer announced April 2023. 6. Deal value includes estimated transaction costs. 7. OMERS acquisition of Crysvita royalties announced July 2022.

Long duration portfolio consistently replenished

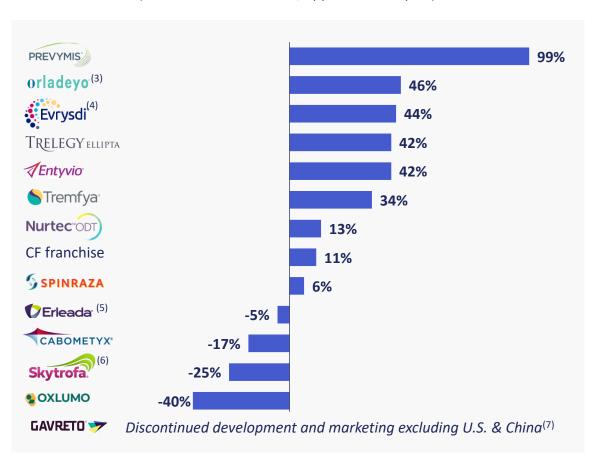


~13 year weighted average royalty portfolio duration

Strong early performance from recent transactions(1)

Percent change in 2025 consensus sales⁽²⁾ since acquisition

(Transactions since 2020; approved therapies)



Development-stage therapies

(Transactions since 2020; select events)

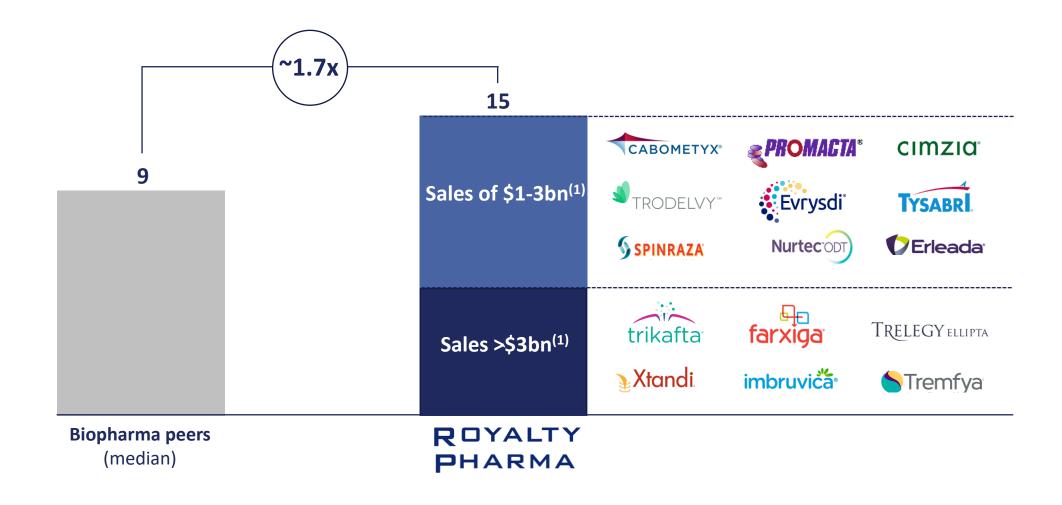
	Therapy	Indication	Event	Status
	ecopipam	Tourette's syndrome	Phase 3 results	$\overline{\checkmark}$
	aficamten	оНСМ	Phase 3 results	\checkmark
	seltorexant ⁽⁸⁾	depression	Phase 3 results	$\overline{\checkmark}$
_	pelabresib ⁽⁹⁾	myelofibrosis	Phase 3 results	$\overline{\mathbf{V}}$
Clinical	TEV-'749	schizophrenia	Phase 3 results	$\overline{\mathbf{V}}$
i j	BCX10013	PNH	Phase 1 results	X
	otilimab	rheumatoid arthritis	Phase 3 results	X
	gantenerumab	Alzheimer's disease	Phase 3 results	×
	trontinemab (gantenerumab brain shuttle)	Alzheimer's disease	Phase 1b/2a data	$\overline{\mathbf{Z}}$
	MK-8189 ⁽¹⁰⁾	schizophrenia	Phase 2b data	
	Voranigo	glioma	FDA approval	\checkmark
>	Cobenfy	schizophrenia	FDA approval	$\overline{\checkmark}$
Regulatory	Tremfya	Crohn's disease/UC	FDA approval	$\overline{\mathbf{V}}$
gnl	Zavzpret	migraine	FDA approval	$\overline{\mathbf{Z}}$
Re	Airsupra	asthma	FDA approval	$\overline{\mathbf{V}}$
	Evrysdi	SMA	FDA approval	$\overline{\checkmark}$

oHCM: obstructive hypertrophic cardiomyopathy; UC: ulcerative colitis; PNH: paroxysmal nocturnal hemoglobinuria; SMA: Spinal muscular atrophy; NDA: New Drug Application

^{1.} Recent transactions include transactions since 2020. 2. Consensus sales sourced from Visible Alpha as of May 2025 and includes therapies with consensus available at the time of the deal and now.

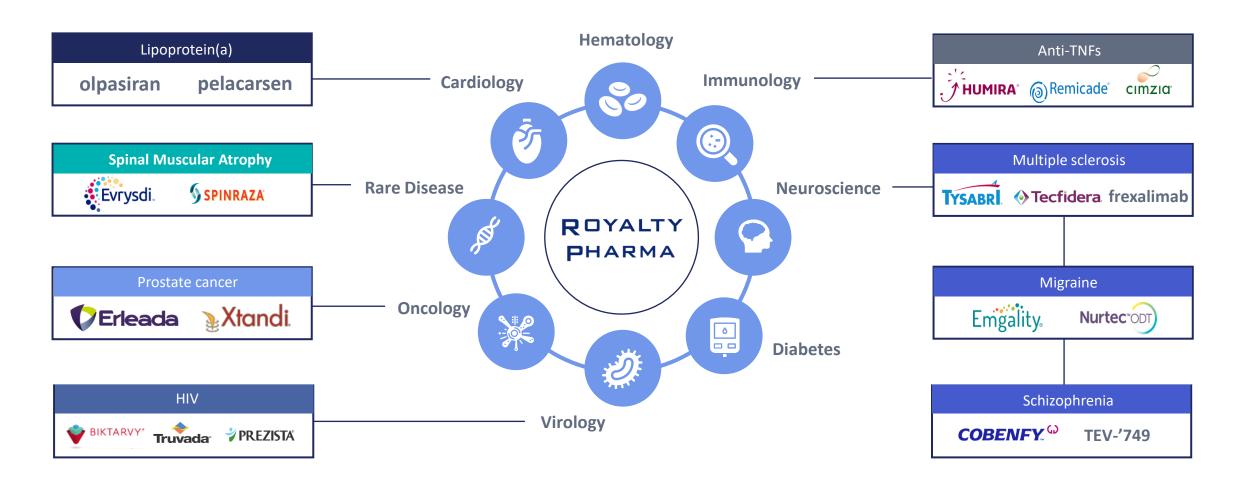


Industry leading exposure to blockbuster products



Portfolio includes premier products and franchises backed by strong support from marketers

Unique ability to invest in multiple products in the same class



Portfolio agnostic to therapeutic area, modality and drug class

Repeat transactions highlight value of Royalty Pharma partnership





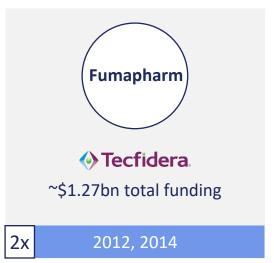












Deploying substantial capital with repeat partners

Multiple benefits to long-term partnerships

Speed of execution

Ability to transact quickly given strong base of existing knowledge

Probability of transacting

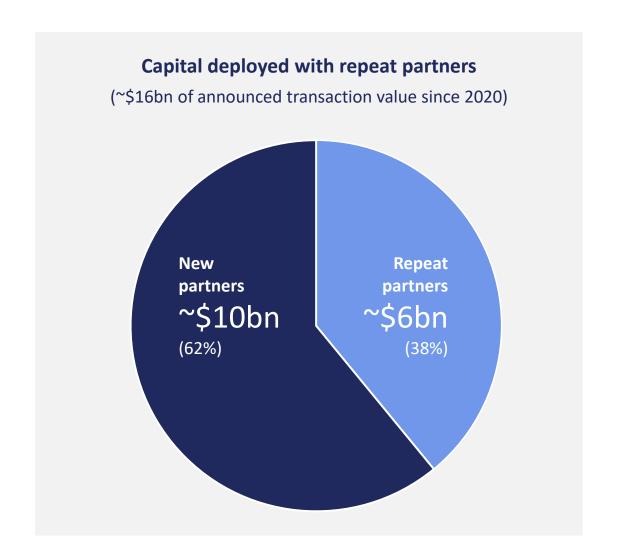
Strong existing relationships and already established roadmap for success

Information edge

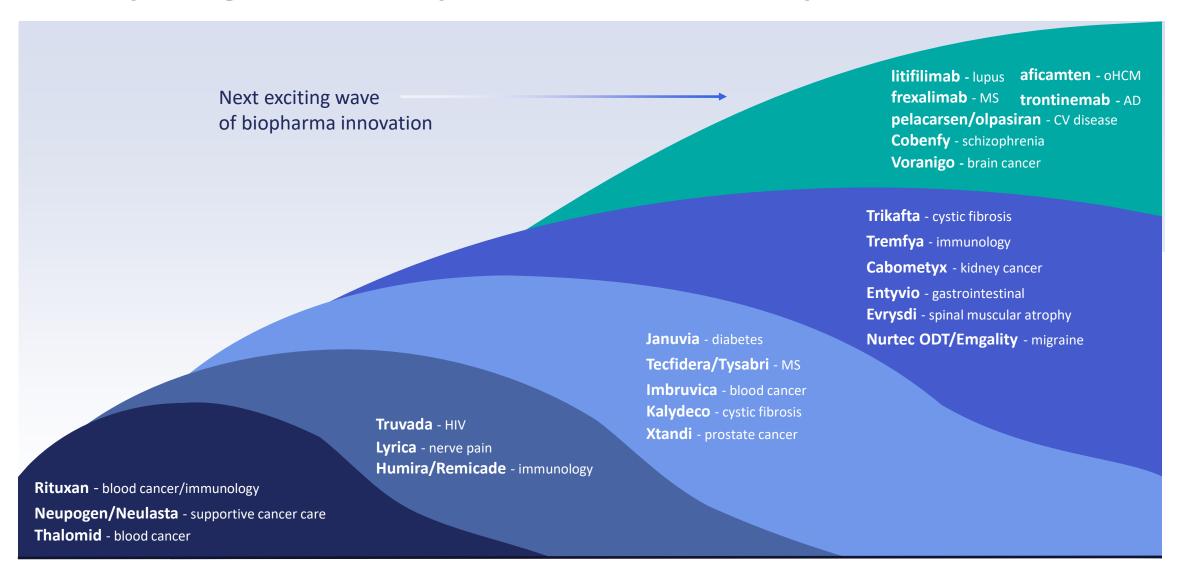
Potentially in-depth access to product information, strategy, management

Growth with partner

Increases RP success rate and potential for future transactions with partner



Participating in most important waves of biopharma innovation



Synthetic royalties are an attractive funding modality

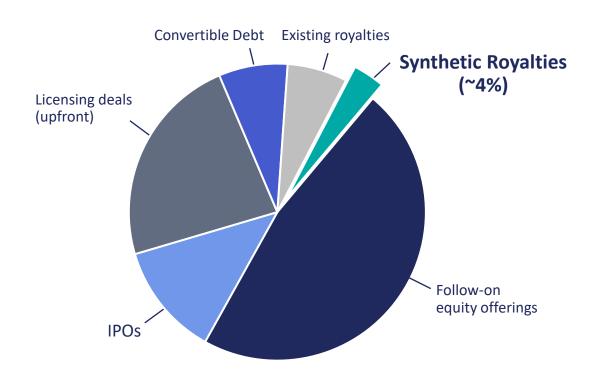
Benefits to biopharma partner

	Royalty	Debt	Equity
Non-dilutive to equity / preserves equity upside	✓	✓	
Customized and tailored funding solutions	~		
Independent validation of therapy's value to patients	✓		
Share risk of development and/or commercialization	✓		~
No financial covenants	✓		~
Long-term alignment of interests	✓		
Value add through proprietary analytics	✓		

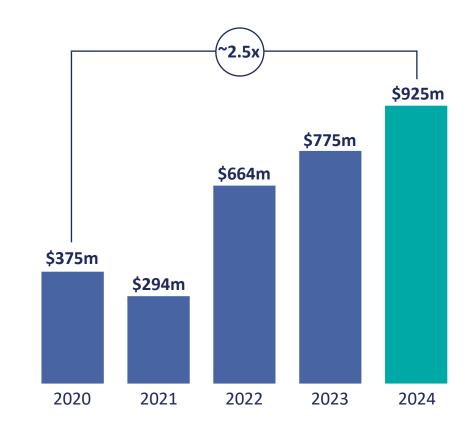
Synthetic royalties – a compelling innovation with significant growth potential

Synthetic royalty opportunity is large and rapidly growing

Biotech industry funding^(1,2)
Past 5 years: ~\$290bn



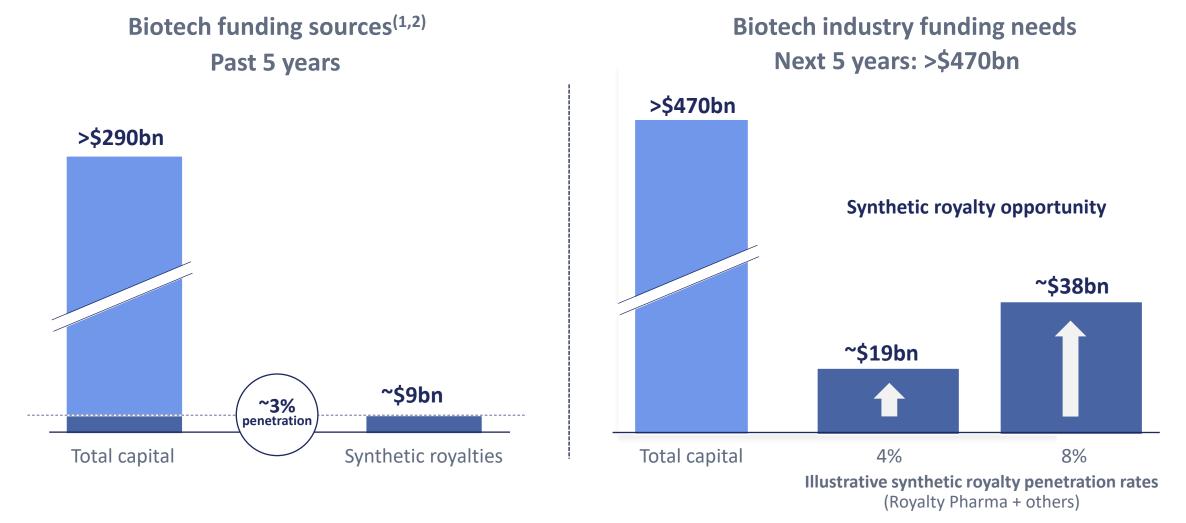
Record year for RP synthetic royalty transactions (Announced value)(3)



Source: Dealogic, Biomedtracker, internal estimates, Evaluate.

- 1. Includes capital raised through initial public offerings (IPOs), follow-on offerings, equity linked issuances and upfronts from licensing deals.
- 2. Royalty funding reflects announced value of transactions and includes associated equity investments.
- 3. Data reflects announced value of transactions, including milestones and contingent payments. Amount in 2024 also includes Cytokinetics development funding but excludes commercial launch funding.

Synthetic royalty market has room for significant expansion



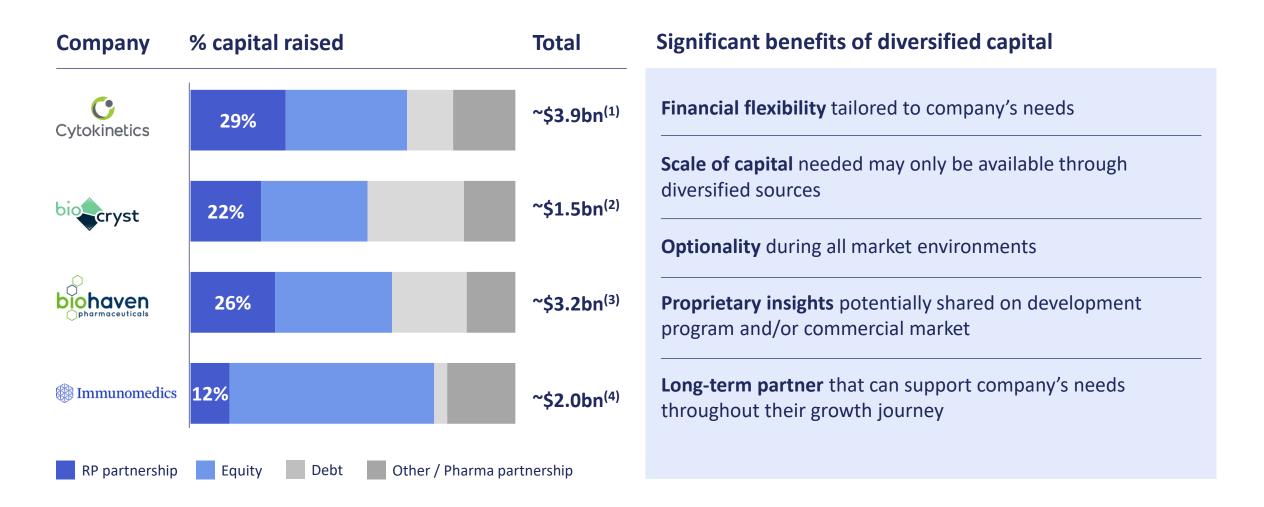
Source: Dealogic, Biomedtracker, internal estimates, Evaluate.

- 1. Includes capital raised through initial public offerings (IPOs), follow-on offerings, equity linked issuances and upfronts from licensing deals.
- 2. Royalty funding includes upfront investment consideration, including acquisitions of synthetic royalties and associated equity investments.
- 3. Estimated capital needs for today's unprofitable biopharmas based on Visible Alpha, Dealogic, internal estimates.

Providing needed capital for M&A transactions

	Mid-cap M&A	Large pharma M&A	Divestitures
Challenge	Cash flow constraints historically have meant equity is the primary funding source	Non-strategic assets at target companies may significantly increase acquisition price	Increasing FTC scrutiny of M&A transactions may reduce attractiveness of target due to regulatory concerns
Our solution	Enable delivery of cash through synthetic royalty creation, third-party royalty monetization and/or launch and development capital	Reduce net price of acquisition by monetizing non-strategic royalty assets at target companies acquired by large pharma	Finance the acquisition of assets that must be divested due to anti-trust concerns
Examples	IIIOrphosus Constellation	astellas (os1) pharmaceuticals	Emerging opportunity

New funding paradigm emerging for biopharma

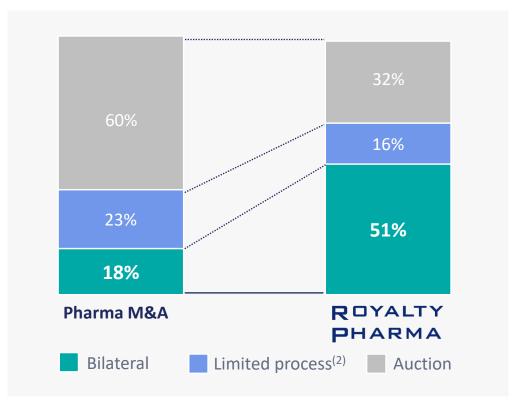


Royalties are a growing part of successful biotech's diversified capital structure



Proprietary sourcing provides competitive advantage





ROYALTY PHARMA



- Track record of "win-win" outcomes
- Scale advantages
- Strong record of value-enhancing acquisitions

Majority of Royalty Pharma transactions negotiated on a bilateral basis

^{2.} Limited process is three or fewer parties involved in process.

Unique Research & Investments team and process



Pioneering the royalty market for 25+ years

Innovating new funding solutions, including synthetic royalties



One Royalty Pharma team at the center of every transaction

Long-tenured expert team with deep scientific experience



Open business model: tailored solutions and true partnerships

Proud of partnerships that grow over multiple transactions



Platform built to scale with the royalty market

Team and process growing to address the large opportunity ahead



Exhaustive diligence process sharpened over decades

Able to integrate and interpret a broad and expanding information set



Leveraging big data through Strategy & Analytics

Unique platform for clinical trial analysis and market evaluation

Our framework focuses on key product success factors









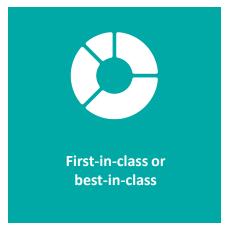


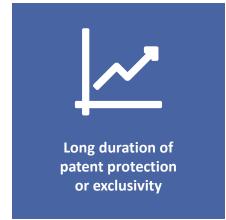


Clear commercial positioning



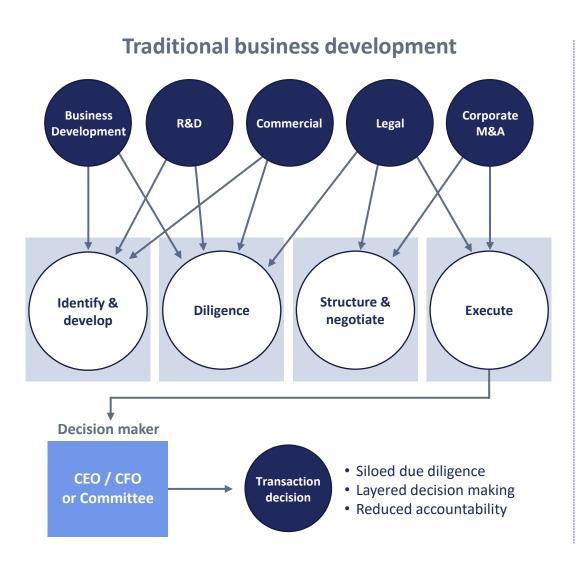


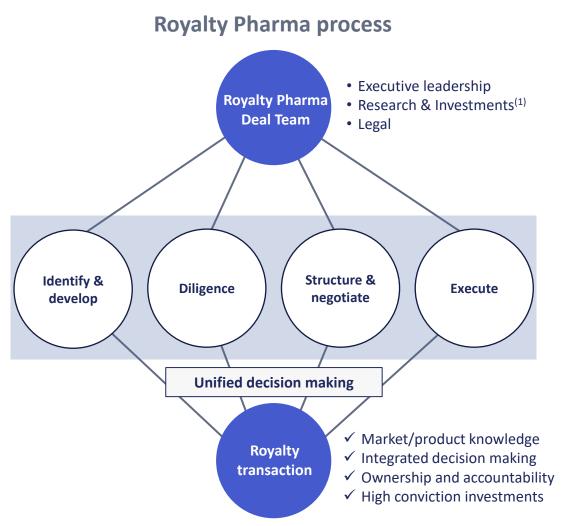






One Royalty Pharma team at the center of every transaction





Extensive due diligence process sharpened over decades









Clinical

Regulatory, IP, **Manufacturing**

Commercial

Interview sales and marketing executives, MSLs and

Contracts. Governance

Physician diligence

- US/EU/Japan
- KOL/academic
- Community
- Surveys

Non-clinical

- Pharmacokinetics
- Pharmacodynamics
- Dose modeling

Intellectual property

- US/EU/Japan and other
- Litigation scenario analysis
- Multiple opinions

Manufacturing

Claims analysis

- · Patient diagnosis, treatment, compliance
- Site of care
- Other patient metrics

Market sizing

- Patient finding
- Claims-driven
- Epidemiology
- Scaled market surveys

Statistics

- Probability of success
- Effect size modeling
- Enrollment modeling
- Statistical Analysis Plans

Toxicology

- Animal toxicologists
- Specialized areas (i.e., ophthalmology)

US pricing

- Modality expertise: small molecule, biologics, gene therapy
- Regulatory perspectives
- · Capacity planning

- Pricing modeling
- · Gross-to-net modeling

Pavors

- Pavor/PBM executives
- Formulary analyses

Clinical

- Interview former R&D executives
- Patient level data analysis
- Immunogenicity and specific safety observations
- Clinical trial design and study reports
- Comparative analysis

- · Auto-injectors and devices
- Design and human factors
- Formulation technologies

Drug delivery

Regulatory

- US/FDA meeting minutes
- EU/EMA meeting minutes
- International (PMDA, other)
- Consultants

Competition

- Landscape analysis
- Product profile and cost comparisons

International access

- Market-by-market pricing
- Addressable patients
- Yearly access caps and other structures

- **Licensing and contracts**
- Analysis of contract language
- Risk assessment

Transactional

Tax implications

Accounting treatment

Expert structuring and drafting

Management & governance

- Experience and strategy
- Compensation alignment

Environmental, Social & Commercial strategy

Governance

- Board oversight
- ESG-informed investment processes

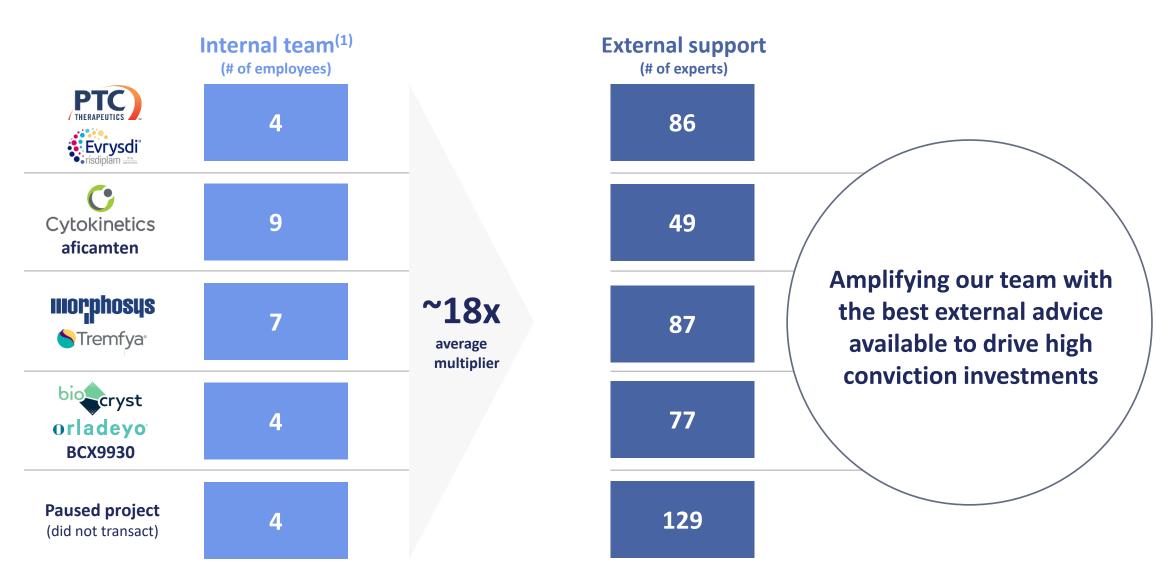
Patients & Caregivers

- Efficacy, tolerability, convenience perspectives
- Social media

district managers

Required promotional spend

Leveraging the best internal and external expertise available



Our ambitious vision for Strategy & Analytics

Strategic search and evaluation









Development landscape scanning

Therapeutic area mapping

Monitoring

Clinical trial metaemerging science analysis and design

- Horizon scanning to position Royalty Pharma for the future
 - Identify emerging target companies and products
 - Enhance knowledge of pipelines and mechanisms in development
 - Perform clinical trial analysis and competitive intelligence
 - Stay ahead of faster biopharma innovation cycles
- Earlier partner engagement benefits business development

Data and analytics









Medical claims analysis

Real world evidence

Sales & marketing benchmarking

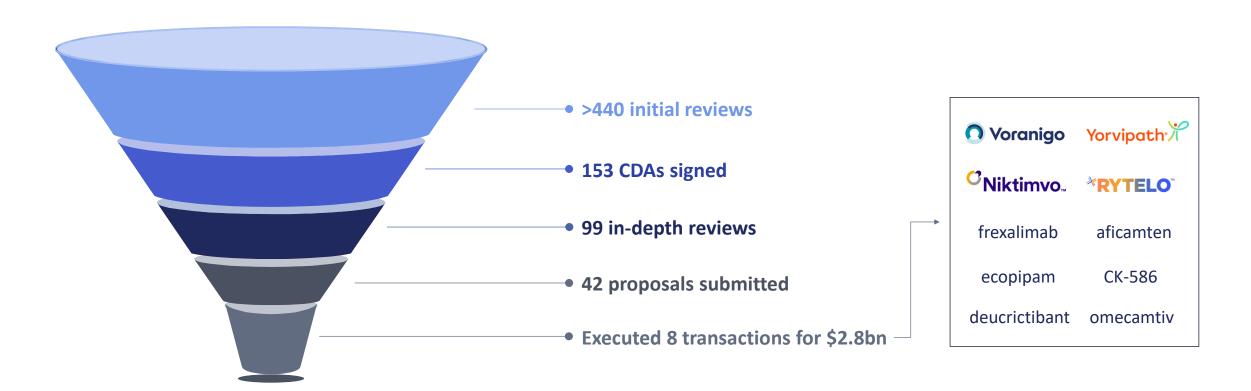
Payor & formulary landscape

- Unique insight from proprietary integration of data sources
 - Automation to ensure full coverage at scale
- Best-in-class platform for market evaluation and forecasting
 - Patient mapping diagnosis, procedures and treatment
 - Long-term ambition to develop for global markets

Strategy & Analytics improves Royalty Pharma's investment process and adds value to our partners

Announced \$2.8 billion of royalty transactions in 2024

2024 Royalty Pharma investment activity



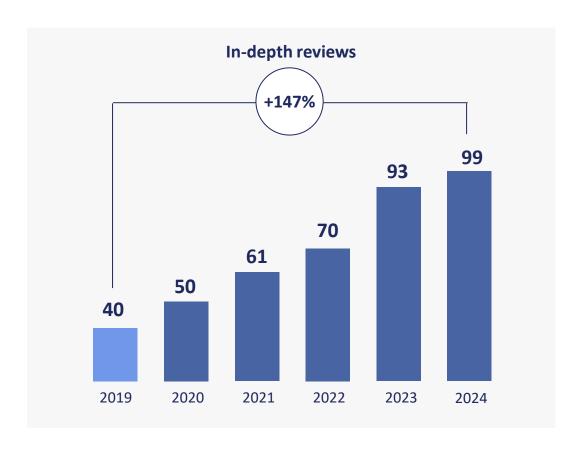
Maintained strong financial discipline: ~2% of initial reviews resulted in an acquired royalty

Strong Royalty Pharma pipeline trends given market backdrop

Opportunity set increasing



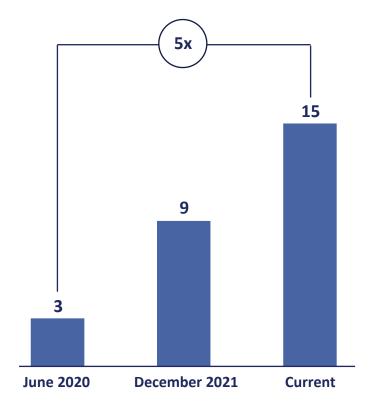
Robust royalty acquisition activity



Significant growth and diversity of development-stage pipeline

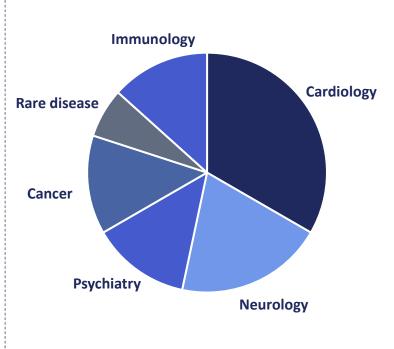
Pipeline evolution since IPO

(by number of therapies)



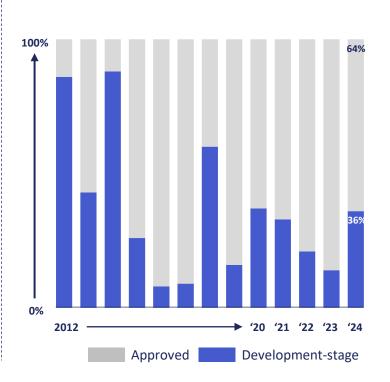
Strong diversity of pipeline

(by number of therapies)(1)



Annual Capital Deployment

(~\$25bn in cumulative Capital Deployment)



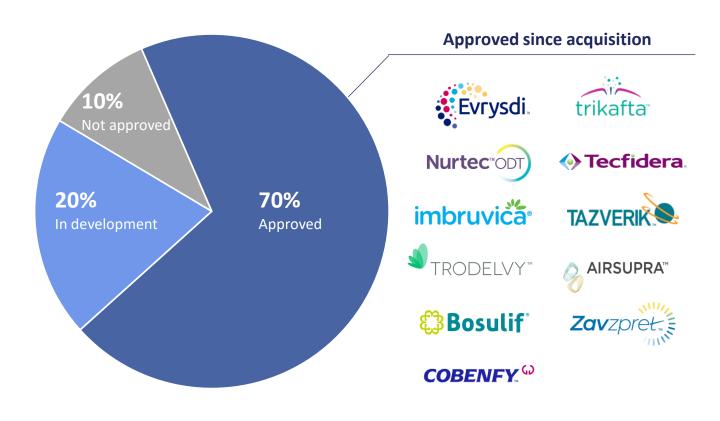
44

ROYALTY PHARMA 1. As of May 2025

Strong track record of investing in development-stage therapies

- Invested >\$9bn in development-stage therapies since 2012
 - Require strong proof of concept data
 - Broad landscape of opportunities
 - Not constrained by therapeutic area
 - Target returns in the teens
- 15 development-stage therapies in portfolio
- History of identifying therapies with unmet and underserved patient needs

Capital Deployment on development-stage therapies^(1, 2) (since 2012)



^{1.} Reflects Capital Deployment for development-stage therapies from 2012 through 2025 year-to-date.

Unique and powerful approach to development-stage investing

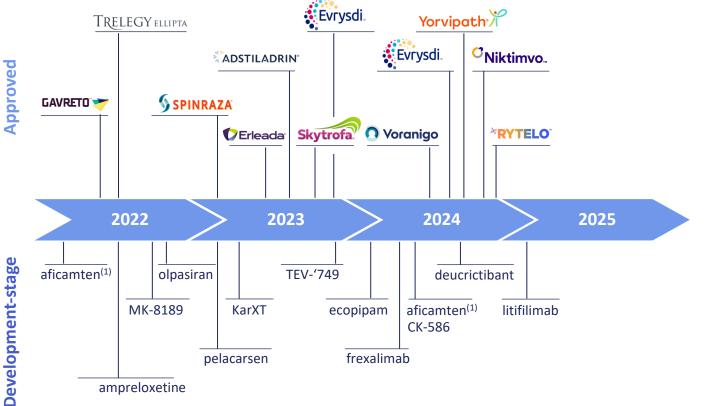
	Product	selection	Deal structure		
Approach	Post proof of concept with clinical efficacy and safety Partnering directly with in insights into clinical programmers.	nnovators provides unique	Risk mitigation strategies through clinical & regulatory milestones, royalty tiering, option periods, etc. Strong alignment with partner through co-funding on top R&D programs		
Examples	Cobenfy Investment after third positive registrational trial minimizes regulatory risk	aficamten Unique insights into clinical program through direct partnership with Cytokinetics	frexalimab Nearly half of purchase price potentially returned in higher probability milestones mitigates risk	TEV-'749 Will receive entire amount funded over 5 years on FDA approval, in addition to a royalty on sales ⁽¹⁾	

Unique approach to development-stage investing drives attractive returns while mitigating risk

On track to meet or exceed 5-year capital deployment target

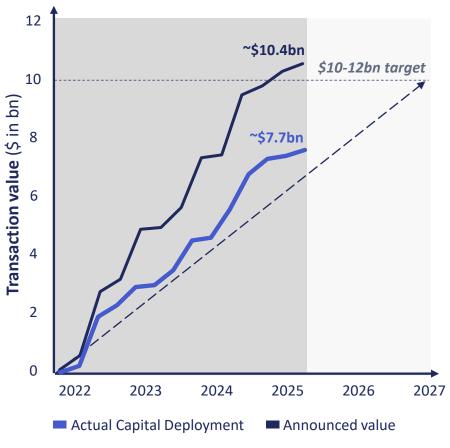
Investing in approved and development-stage royalties

(Transactions announced since January 1, 2022)



5-year capital deployment target^(2,3)

(Transaction value; since January 1, 2022)



^{1.} Includes launch and development capital.

^{2.} See slide 67 for factors that may impact Royalty Pharma's capital deployment target.

^{3.} Capital deployment target provided at May 17, 2022 Investor Day.

Important events expected in 2025

Select year-to-date and expected upcoming events			2025				
Select year-to-date	Select year-to-date and expected apcoming events		Q2	Q3	Q4		
	TEV-'749 Phase 3 safety results for schizophrenia (SOLARIS) ⁽¹⁾	$\overline{\mathbf{Z}}$					
	ecopipam Phase 3 results for Tourette's syndrome ⁽²⁾	$\overline{\checkmark}$					
	trontinemab Phase 1/2b results for Alzheimer's disease(3)		\checkmark				
Clinical	Trodelvy, Keytruda Phase 3 results for 1L mTNBC (ASCENT-04) ⁽⁴⁾		\checkmark				
Cillical	Cobenfy Phase 3 results in adjunctive schizophrenia (ARISE) ⁽⁵⁾		X				
	aficamten Phase 3 results for oHCM compared to metoprolol succinate (MAPLE) ⁽⁶⁾						
	Trodelvy Phase 3 results for 1L mTNBC (ASCENT-03) ⁽⁷⁾						
	Cobenfy Phase 3 results in Alzheimer's Disease Psychosis (ADEPT-2) ⁽⁸⁾						
	Tremfya FDA approval in Crohn's disease ⁽⁹⁾	☑					
	Cabometyx FDA approval in advanced neuroendocrine tumors ⁽¹⁰⁾	\checkmark					
Regulatory	Tremfya EMA approval in ulcerative colitis ⁽¹¹⁾		\checkmark				
	Tremfya EMA decision in Crohn's disease ⁽¹¹⁾						
	aficamten FDA decision in obstructive hypertrophic cardiomyopathy ⁽¹²⁾						

mTNBC: metastatic triple negative breast cancer; oHCM: obstructive hypertrophic cardiomyopathy; FDA: Food & Drug Administration; EMA: European Medicines Agency

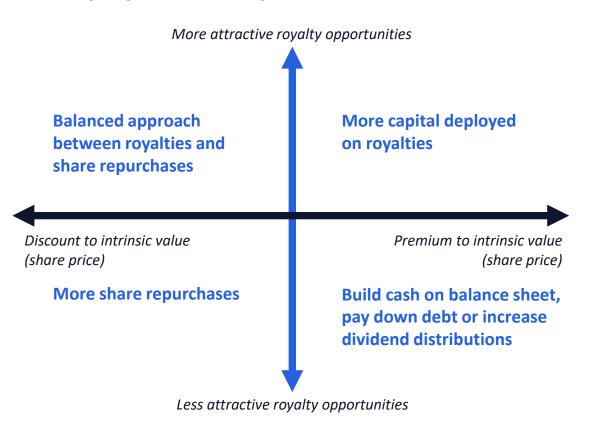
Big products with world class marketers and large royalties

Therapy	Lead indication	Marketer	Potential first- or best-in-class	Potential peak sales (non risk adjusted) ⁽¹⁾	Potential peak royalties	Expected launch year ⁽²⁾
frexalimab	multiple sclerosis	Sanofi	✓	>\$5bn	>\$400m	2028
olpasiran	cardiovascular disease	Amgen	✓	~\$3bn	>\$250m	2027
aficamten	hypertrophic cardiomyopathy	Cytokinetics	✓	~\$4bn	>\$175m	2025
pelacarsen	cardiovascular disease	Novartis	✓	>\$3bn	~\$150m	2027
seltorexant	depression	Johnson & Johnson	~	>\$3bn	>\$150m	NA
litifilimab	lupus	Biogen	✓	>\$2bn	>\$150m	2028
trontinemab	Alzheimer's	Novartis	✓	>\$3bn	~\$150m	NA
deucrictibant	hereditary angioedema	Pharvaris	✓	>\$1bn	>\$55m	2027
TEV-'749	schizophrenia	Teva	✓	~\$1bn	~\$35m	2026
pelabresib	myelofibrosis	Novartis	✓	~\$1bn	~\$30m	NA
Total (select la	ate-stage development):			>\$26bn	>\$1.5bn	

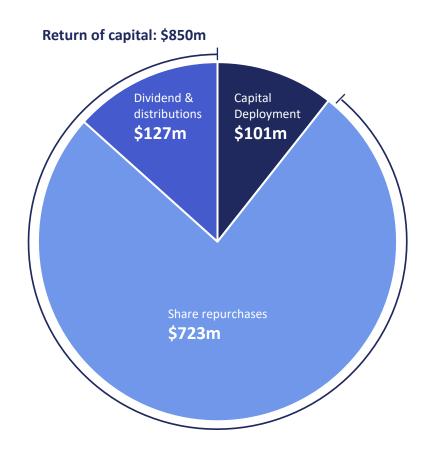
Note: the midpoint is used where ranges are shown.

Capital allocation framework guides decisions

Royalty Pharma's capital allocation framework



Substantial share repurchases in Q1 2025



Balancing acquiring royalties and increasing return of capital



Capital Deployment

- Capital Deployment guidance of \$2.0-\$2.5bn per year
- Target returns maintained⁽¹⁾; returns have trended higher in recent years
- Strong commitment to investment grade credit rating



Share repurchases

- Board authorized new \$3bn share repurchase program
- Reflects confidence in Royalty Pharma's strong fundamental outlook
- Intend to repurchase \$2.0bn of shares in 2025 subject to market conditions; total value repurchased will depend on discount to intrinsic value



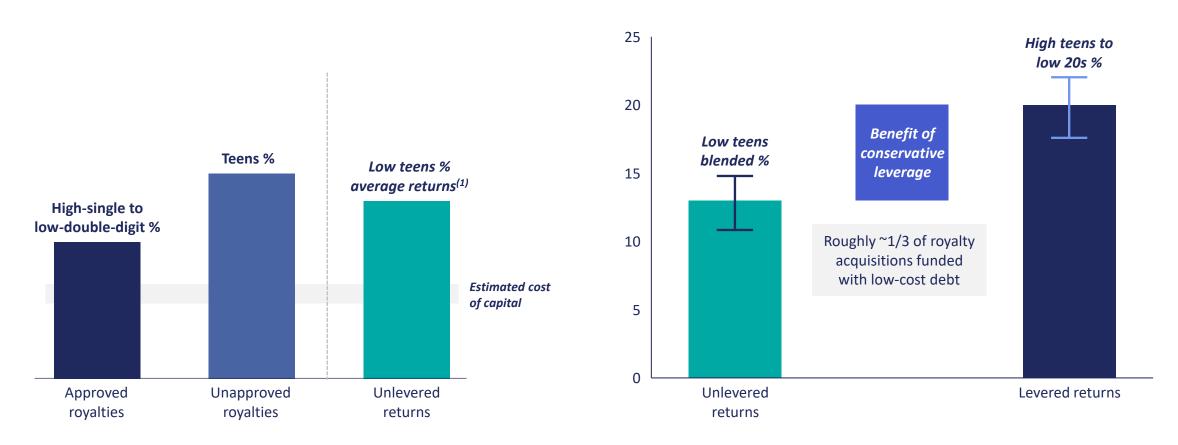
Dividend

- Current dividend of \$0.88 annually,
 ~2.7% dividend yield
- Commitment to grow dividend midsingle digits percentage annually
- Track-record of consistent annual dividend growth

Consistently attractive returns amplified by conservative leverage



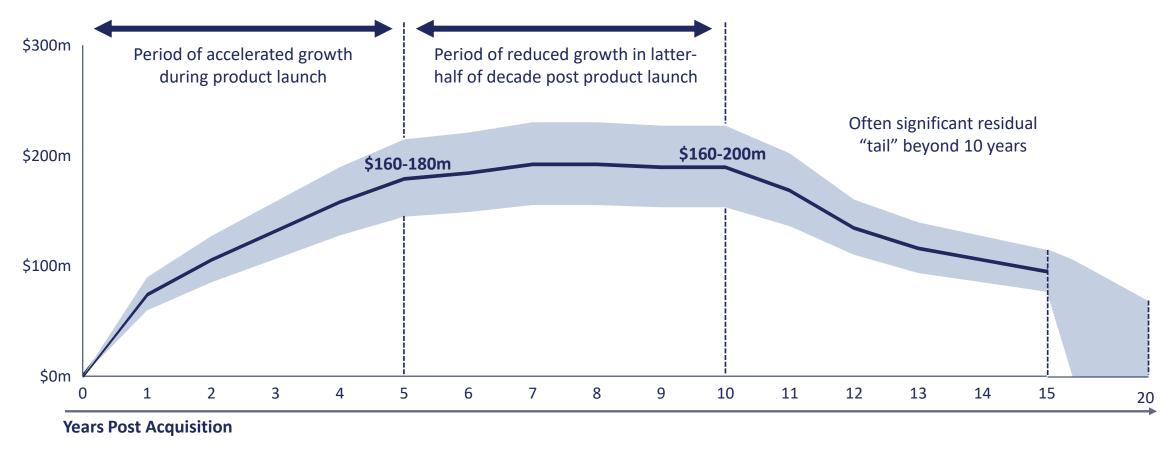
Leverage benefit to target returns



Expect to consistently deliver attractive returns above cost of capital regardless of interest rate environment

What does \$1bn of investment mean for future top-line?

Representative annual Portfolio Receipts^(1,2) ("top-line") from \$1bn of investment - based on blend of historical acquisitions (As of May 2022 Investor Day)



^{1.} See slide 72 for definitions and factors that may impact the achievement of our growth outlook.

Representative cash receipts based on blended average of actual and projected returns for approved and development-stage transactions over the last five years under a range of scenarios.

Well positioned in evolving interest rate environment

Interest rates

Existing capital structure (5)



Future investments



Long duration, low-cost debt an underappreciated asset

- Fixed weighted-average coupon of ~3.1% on \$7.8bn of investment grade bonds
- ~70% of existing bonds due 2030 or later
- Committed to investment grade rating
- Revolving credit facility of up to \$1.8bn

Higher risk-adjusted returns

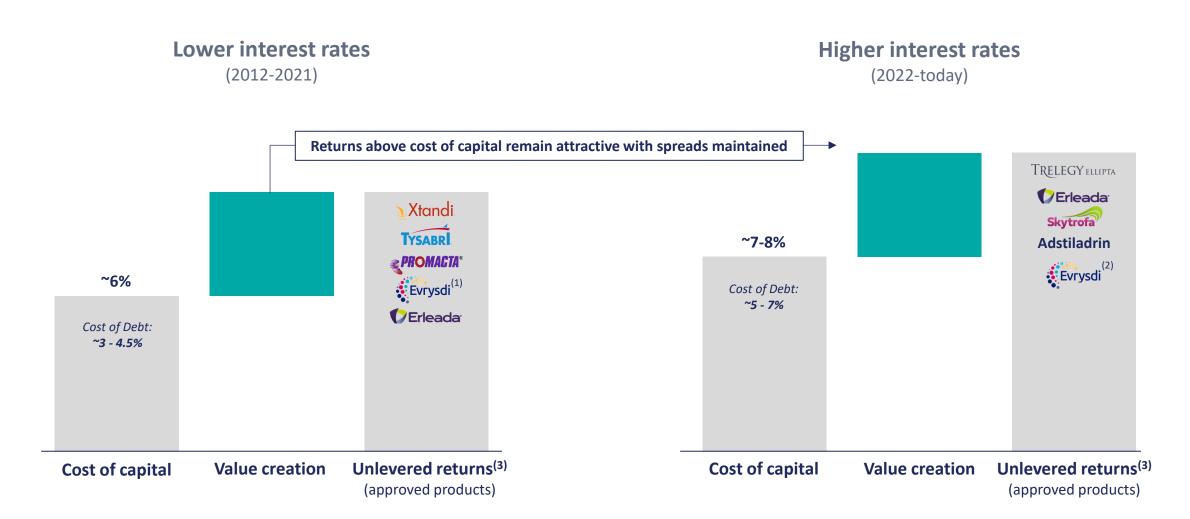
- Higher royalty return expectations in response to higher rate environment
- Maintaining attractive returns above cost of capital with consistent spreads

Expanding opportunity set

Higher partner cost of capital accelerates momentum in royalty funding



Continuing to create value in changing market environment



Spreads maintained and larger opportunity set equals greater value creation

- 1. Transaction purchasing 43% of PTC's Evrysdi royalty announced July 2020.
- 2. Transaction purchasing 67% of PTC's remaining Evrysdi royalty announced October 2023.
- Illustrative returns reflect a combination of actual results and estimated projected returns for investments from 2012 Q1 2025. IRR (or returns) are calculated using total cash outflows and total cash inflows, in each case including royalties, milestones and other cash flows.

Maximizing industry strengths and minimizing challenges

Maximizing

- Exposure to transformative therapies
- Revenue and profit diversification
- Therapeutic area breadth
- Long weighted average portfolio duration
- Consistent and sustainable growth
- Management team continuity
- Shareholder alignment
- Opportunity entire R&D ecosystem is our pipeline



Minimizing

- Early-stage development risk
- R&D and SG&A cost base
- Therapeutic area bias
- Highly competitive business development
- Late-stage clinical binary risk

A unique way to invest in biopharma

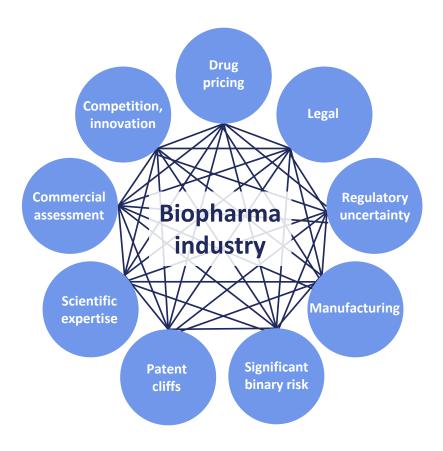
		ROYALTY PHARMA	Large biopharma ⁽¹⁾
Growth	2020-2030 top-line ⁽²⁾ CAGR	10% or more ⁽²⁾	~5.5% ⁽³⁾
Scale	Number of blockbusters ⁽⁴⁾	15	9
Cost of capital	Estimated WACC	~7-8%	~7-8%
Risk	Stage of development	Post proof-of-concept to approved	Pre-clinical to approved
Return	Historical return on investments ⁽⁵⁾	Consistent low teens IRR	?
Income	Dividend yield	~2.7%	~3.7%
Ownership	Management % ownership of FDSO	19% ⁽⁶⁾	<1% ⁽⁷⁾

CAGR: compound annual growth rate; WACC: weighted average cost of capital; IRR: internal rate of return; FDSO: fully diluted shares outstanding

- 1. Consists of the average of Eli Lilly, Johnson & Johnson, Merck, Pfizer, AbbVie, Bristol Myers Squibb, Gilead, Amgen, Biogen, Vertex, Regeneron, Roche, Novartis, GSK, Sanofi, Novo Nordisk and AstraZeneca; number of blockbusters for large biopharma peers based on year-end 2024 sales.
- 2. Top-line refers to Royalty Pharma's Portfolio Receipts and includes future investments. Royalty Pharma growth target provided at May 2022 Investor Day. See slide 67 for definitions.
- 3. Source: Visible Alpha.
- 4. Calculated based 2024 sales and excludes products tied to recently expired royalties.
- 5. Historical return on investments for Royalty Pharma is from 2012 to Q1 2025; IRR (or returns) are calculated using total cash outflows and total cash inflows, in each case including royalties, milestones and other cash flows. Biopharma returns on investments in business development, M&A and R&D.
- 6. Represents ownership by all employees of Royalty Pharma as of May 2025.
- Represents Named Executive Officer (NEO) ownership reported by CapIQ for Large biopharma.

A simple investment proposition in a highly complex industry

Successful biopharma investing is extremely complex

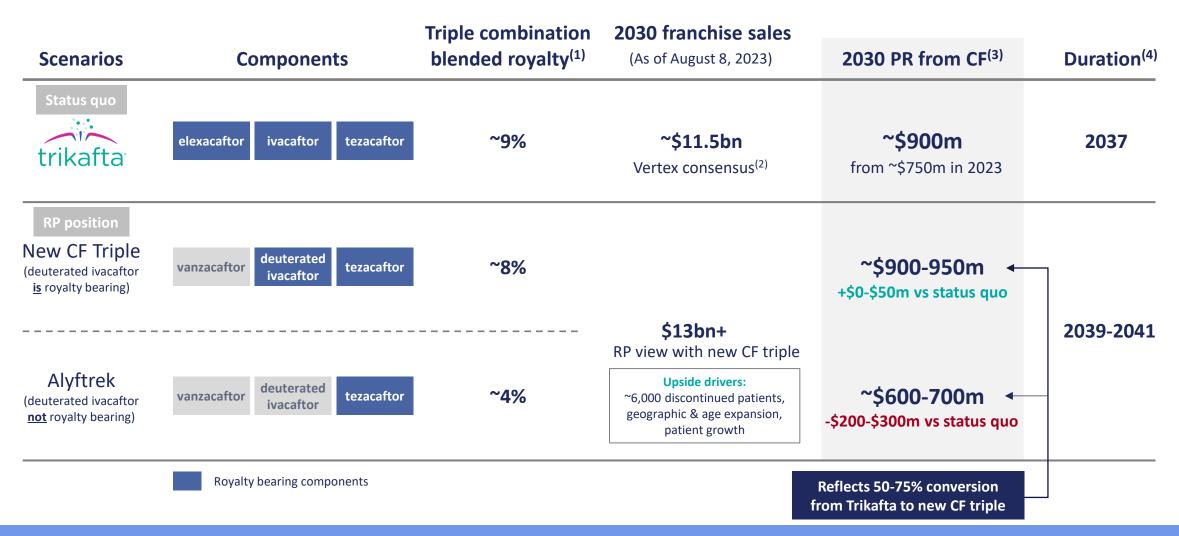


ROYALTY PHARMA offers a simple solution

- Efficient business of collecting share of topline revenues on leading products
- Strong track record of product selection
- Rigorous diligence processes
- Highly diversified portfolio
- Minimal binary clinical risk
- ✓ Proven ability to replenish portfolio

Appendix

CF to remain important contributor regardless of triple scenario

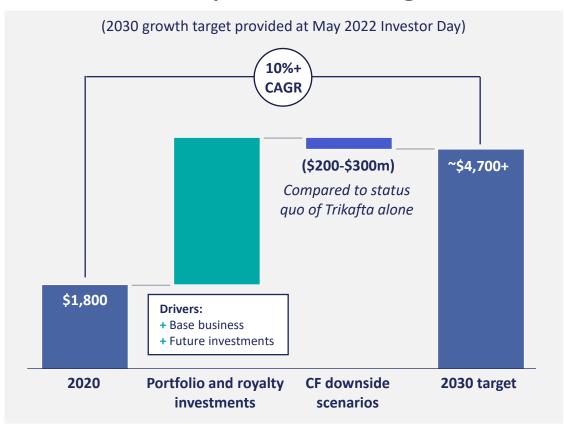


NPV impact of potential downside scenarios are estimated to be \$1-\$2 per share



Base business and deal activity expected to power growth

Portfolio Receipts evolution through 2030⁽¹⁾



Confident in sustaining double-digit growth CAGR⁽¹⁾

- 2030 Portfolio Receipts target of >\$4.7bn (2020-2030 CAGR >10%) driven by base business and royalty investments
- Power of business model added >\$1.2bn in potential Portfolio
 Receipts in 2025+ from royalty acquisitions since 2020
- Expect to achieve 2030 growth target even under Alyftrek downside scenario, which implies:
 - \$200-\$300m impact to Portfolio Receipts (≤ 4-6%)
 - <1% reduction to 2020-2030 CAGR</p>
 - ~\$1-2 impact to intrinsic value

Expect to deliver 10%+ top-line CAGR over the decade under downside CF scenarios

Detailed calculation assumptions for CF triple scenarios

Scenarios	Product	Blended royalty ⁽¹⁾	Sales split	2030 franchise sales (As of August 8, 2023)	Royalty Receipts	NCI %	2030 PR from CF ⁽³⁾
Status quo (Trikafta only)	trikafta	~9%	100%	~\$11.5bn ⁽²⁾	~\$1,050m	(13%)	~\$900m
<u>RP position</u> : New CF Triple	Trikafta Alyftrek Total blended	~9% ~8% ~9%	50% 50% ◆	\$13bn+	~\$1,100m	(13%)	~\$950m
(deuterated ivacaftor <u>is</u> royalty bearing)	Trikafta Alyftrek Total blended	~9% ~8% ~8%	25% 75% 100%	\$13bn+	~\$1,050m	(14%)	~\$900m
New CF Triple (deuterated	Trikafta New CF Triple Total blended	~9% ~4% ~7%	50% 50% 100%	\$13bn+	~\$850m	(15%)	~\$700m
ivacaftor <u>not</u> royalty bearing)	Trikafta New CF Triple Total blended	~9% ~4% ~5%	25% 75% 100%	\$13bn+	~\$700m	(17%)	~\$600m
		- 0				Calcul	ations may not tie due to rounding

Reflects 50-75% conversion from Trikafta to new triple

Potential royalties on >40 projects in late-stage development

Phase 2		Phase 3			Registration			
CK-586 Heart failure					pelacarsen Cardiovascular disease	olpasiran Cardiovascular disease	aficamten oHCM	
Heart failure		trontinemab⁽²⁾ Alzheimer's disease	ampreloxetine Symptomatic nOH in MSA	seltorexant MDD w/insomnia symptoms				
		pelabresib Myelofibrosis	ecopipam Tourette Syndrome	TEV-'749 Schizophrenia				
		deucrictibant (IR) Hereditary angioedema	litifilimab Lupus (SLE, CLE)	frexalimab Multiple sclerosis				
Trodelvy (+ combinations) 1L mUC	frexalimab Systemic lupus erythematosus	Trodelvy 1L TNBC (PD-L1-)	Niktimvo (+ steroids) 1L cGvHD	Cobenfy Schizophrenia (adjunctive)	Skytrofa Adult GHD			
Trodelvy (+ pembrolizumab) ⁽¹⁾ 1L mNSCLC	frexalimab Type 1 diabetes	Trodelvy (+ pembrolizumab) Adjuvant TNBC	Trodelvy (+ pembrolizumab) 1L mTNBC (PD-L1+)	Cobenfy Psychosis in Alzheimer's disease	Spinraza (higher dose) Spinal Muscular Atrophy			
Trodelvy Lung, HNSCC and endometrial	frexalimab FSGS or MCD	Trodelvy HR+/HER2- chemo-naïve mBC	Trodelvy (+ pembrolizumab) ⁽³⁾ 1L mNSCLC	Cobenfy Agitation in Alzheimer's disease	Tremfya Pediatric psoriasis			
Niktimvo (+ Jakafi) 1L cGvHD	Tremfya + golimumab ('4804) Ulcerative colitis, Crohn's disease	Trodelvy 2L+ mEC	Tazverik (+ Revlimid, Rituxan) 2L Follicular lymphoma	Cobenfy Bipolar I Disorder	Tremfya Pediatric psoriatic arthritis			
Niktimvo Idiopathic pulmonary fibrosis	Skytrofa Turner syndrome	Erleada Localized prostate cancer ⁽⁵⁾	Erleada High risk prostate cancer ⁽⁴⁾	Tremfya PsA Structural Damage				
Rare disease Neuroscie	nce	Rytelo R/R myelofibrosis	aficamten nHCM	deucrictibant (XR) Hereditary angioedema				
Immunology Cardio-Me								

mUC: metastatic urothelial carcinoma; mNSCLC: metastatic non-small-cell lung carcinoma; HNSCC: head and neck squamous cell carcinoma; cGvHD: chronic graft versus host disease; FSGS: focal segmental glomerulosclerosis; MCD: minimal change disease; IR: immediate release; TNBC: triple negative breast cancer; mBC: metastatic breast cancer; mEC: metastatic endometrial cancer; R/R: relapsed/refractory; nOH: neurogenic orthostatic hypotension; MSA: multiple system atrophy; mTNBC: metastatic triple negative breast cancer; nHCM: non-obstructive hypertrophic cardiomyopathy; MDD: major depressive disorder; PsA: psoriatic arthritis; XR: extended release; oHCM: obstructive hypertrophic cardiomyopathy; GHD: growth hormone deficiency

Updates to non-GAAP measures

Previous	New	Comments
Adjusted Cash Receipts (Non-GAAP)	Portfolio Receipts	Calculation of Portfolio Receipts will result in the same total as under previous presentation of Adjusted Cash Receipts Individual royalties to be reported net of legacy non-controlling interests to facilitate increased transparency of individual royalty economics
Adjusted EBITDA (Non-GAAP)	Adjusted EBITDA (Non-GAAP)	No change Liquidity measure
Adjusted Cash Flow (Non-GAAP)	Portfolio Cash Flow (Non-GAAP)	Liquidity measure Measure of cash that can be redeployed into value-enhancing royalty acquisitions, to pay down debt and for return of capital to shareholders Primary difference from Adjusted Cash Flow is exclusion of Development-stage funding payments - upfront and milestone
N/A	Capital Deployment	Capital Deployment was previously included in various line items on the statement of cash flows New presentation aggregates all Capital Deployment (except purchases of equity securities and marketable securities) into one metric Components of Capital Deployment detailed in separate table

Royalty Pharma Liquidity Summary

\$ in millions	FY 2024	FY 2023	FY 2022	FY 2021	FY 2020	FY 2019 (PF) ⁽¹⁾
Portfolio Receipts	2,801	3,049	2,789	2,129	1,800	1,776
Payments for operating and professional costs	(236)	(243)	(223)	(185)	(180)	(145)
Adjusted EBITDA (non-GAAP)	2,565	2,806	2,566	1,944	1,621	1,631
Interest (paid)/received, net	(113)	(98)	(145)	(143)	(131)	(250)
Portfolio Cash Flow (non-GAAP)	2,452	2,708	2,421	1,801	1,490	1,381

Amounts may not add due to rounding.

^{1.} The 2019 results are calculated on a pro forma basis, which adjusts certain cash flow line items as if our Reorganization Transactions (as described in our final prospectus filed with the SEC on June 17, 2020) and our initial public offering had taken place on January 1, 2019. The most significant difference between the pro forma and reported figures is the non-controlling interest attributable to legacy investors that resulted from the Reorganization Transactions.

Royalty Pharma GAAP to non-GAAP reconciliations

\$ in millions	FY 2024	FY 2023	FY 2022	FY 2021	FY 2020	FY 2019 (PF) ⁽¹⁾
Net cash provided by operating activities (GAAP)	2,769	2,988	2,144	2,018	2,035	1,673
Adjustments:						
Proceeds from available for sales debt securities	20	1	542	63	3	150
Distributions from equity method investees	24	44	-	1	15	-
Interest paid/(received), net	113	98	145	143	131	250
Derivative collateral posted/(received), net	-	-	-	-	(45)	-
Development-stage funding payments – ongoing	2	2	2	7	20	83
Development-stage funding payments – upfront and milestones	-	50	175	193	6	-
Distributions to legacy non-controlling interests – Portfolio Receipts	(362)	(377)	(442)	(480)	(544)	(525)
Adjusted EBITDA (non-GAAP)	2,565	2,806	2,566	1,944	1,621	1,631
Interest (paid)/received, net	(113)	(98)	(145)	(143)	(131)	(250)
Portfolio Cash Flow (non-GAAP)	2,452	2,708	2,421	1,801	1,490	1,381

Amounts may not add due to rounding.

^{1.} The 2019 results are calculated on a pro forma basis, which adjusts certain cash flow line items as if our Reorganization Transactions (as described in our final prospectus filed with the SEC on June 17, 2020) and our initial public offering had taken place on January 1, 2019. The most significant difference between the pro forma and reported figures is the non-controlling interest attributable to legacy investors that resulted from the Reorganization Transactions.

Footnotes

- (1) To aid in comparability, growth in 2020 is calculated based on pro forma 2019 results, which adjusts certain cash flow line items as if Royalty Pharma's Reorganization Transactions (as described in the Company's final prospectus filed with the SEC on June 17, 2020 ("Prospectus") and its initial public offering ("IPO") had taken place on January 1, 2019. The most significant difference between the pro forma and reported figures is the new non-controlling interests that resulted from the Reorganization Transactions. The new contractual non-controlling interests arose in the Reorganization Transactions that results in a higher distribution to non-controlling interests on a pro forma basis as compared to prior historical periods. Less material differences also arise in Royalty Receipts for other products as well as *Payments for operating and professional costs*, *Interest paid*, net and in the payments associated with our former interest rate swap contracts.
- (2) Portfolio Receipts is a key performance metric that represents our ability to generate cash from our portfolio investments, the primary source of capital that we can deploy to make new portfolio investments. Portfolio Receipts is defined as the sum of Royalty Receipts and milestones and other contractual receipts. Royalty Receipts include variable payments based on sales of products, net of contractual payments to the legacy non-controlling interests, that is attributed to Royalty Pharma. Milestones and other contractual receipts include sales-based or regulatory milestone payments and other fixed contractual receipts, net of contractual payments to the legacy non-controlling interests, that is attributed to Royalty Pharma. Portfolio Receipts does not include proceeds from equity securities or marketable securities, both of which are not central to our fundamental business strategy. Portfolio Receipts is calculated as the sum of the following line items from our GAAP consolidated statements of cash flows: Cash collections from financial royalty assets, Cash collections from intangible royalty assets, Other royalty cash collections, Proceeds from available for sale debt securities and Distributions from equity method investees less Distributions to legacy non-controlling interests Portfolio Receipts, which represent contractual distributions of Royalty Receipts and milestones and other contractual receipts to the Legacy Investors Partnerships and RPSFT.
- (3) Adjusted EBITDA is important to lenders and is defined under the credit agreement as Portfolio Receipts less payments for operating and professional costs. Operating and professional costs are comprised of *Payments for operating and professional costs* from the statements of cash flows. See GAAP to Non-GAAP reconciliation in the Company's current report on Form 8-K dated August 8, 2024. See the Company's Annual Report on Form 10-K filed with SEC on February 15, 2024 for additional discussion on defined term.
- (4) Portfolio Cash Flow is defined under the revolving credit agreement as Adjusted EBITDA minus interest paid or received, net. See GAAP to Non-GAAP reconciliation in the Company's Current Report on Form 8-K dated August 8, 2024. See the Company's Annual Report on Form 10-K filed with SEC on February 15, 2024 for additional discussion on defined term.
- (5) Capital Deployment represents the total outflows that will drive future Portfolio Receipts and reflects cash paid at the acquisition date and any subsequent associated contractual payments reflected in the period in which cash was paid. Capital Deployment is calculated as the summation of the following line items from our GAAP consolidated statements of cash flows:

 **Investments in equity method investees, Purchases of available for sale debt securities, Acquisitions of financial royalty assets, Acquisitions of other financial assets, Milestone payments,

 **Development-stage funding payments ongoing, Development-stage funding payments upfront and milestone less Contributions from legacy non-controlling interests R&D.

Long-term Outlook footnote

(1) Royalty Pharma's long-term outlook is based on its most up-to-date view on its prospects as of May 17, 2022. This long-term outlook assumes no major unforeseen adverse events subsequent to the date of this presentation. Growth outlook includes future royalty acquisitions. Furthermore, Royalty Pharma may amend its long-term outlook in the event it engages in new royalty transactions. See the information on slide 3 "Forward Looking Statements & Non-GAAP Financial Information," for factors that may impact the long-term outlook.