



Rating OUTPERFORM\* [V] Price (27 Feb 14, US\$) Target price (US\$) 52-week price range 30.25 - 15.15 Market cap. (US\$ m) Enterprise value (US\$ m)

\*Stock ratings are relative to the coverage universe in each analyst's or each team's respective sector

¹Target price is for 12 months.

[V] = Stock considered volatile (see Disclosure Appendix).

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26.65

32.00<sup>1</sup>

1,058.26

1.031.23

# Portola Pharmaceuticals (PTLA)

**SMALL & MID CAP RESEARCH** 

## Q4 Earnings: 3 Proprietary Programs on Track

We continue to recommend PTLA based on its late-stage portfolio, retained product rights, and the large addressable markets. On its Q4 conference call, PLTA confirmed the timing of several key value inflection points for both betrixaban and andexanet alfa in 2014/2015. Higher than expected expense guidance for 2014 caused us to lower EPS in 2014, 2015, and 2016 to (\$3.67), (\$2.23), and (\$3.32), respectively.

- Timing of key value inflection points: Betrixaban APEX enrollment completed by YE:15 (data 2016). Antidote program: enrollment in Phase III to be initiated in H1:14, with initial data is expected in Q4:14, and full data H1:15. The BLA for the antidote program is expected to be filed by YE:15. Cerdulatinib: Initial Phase I data in mid:14 and Phase II data in H2:15.
- 2014 Guidance: PTLA expects total GAAP operating expenses of \$153-168M, stock based comp of \$8M, and year-end cash of \$185-200M. Expense guidance was above the 2014 consensus estimate of \$121.8M, and we have raised our expenses to the mid-point of the guidance.
- Reiterate outperform rating and a \$32 price target: Our positive view is based on the large market opportunity for factor Xa inhibitors for clot prevention in acute medically ill patients and for its factor Xa inhibitor antidote for bleeding or surgery. We believe the ongoing Phase I in lymphoma offers upside, not currently in estimates.
- Well-capitalized through multiple readouts: PTLA ended 2013 with \$319.0M in cash at end of 2013, which is expected to last through Phase III readouts for Betrixaban in H1:16, two Phase II readouts for andexanet alfa in 2014, and Phase I POC for PRT2070 in NHL and CLL in 2014/15.

Financial and valuation metrics

Year	12/13A	12/14E	12/15E	12/16E
EPS (CS adj.) (US\$)	-3.65	-3.67	-2.23	-3.32
Prev. EPS (US\$)	_	-3.01	-0.98	-2.47
P/E (x)	-7.3	-7.3	-11.9	-8.0
P/E rel. (%)	-41.6	-43.8	-79.0	-58.9
Revenue (ÚS\$ m)	10.5	8.0	65.0	58.4
EBITDA (ÚS\$ m)	-82.8	-150.3	-105.9	-159.3
OCFPS (US\$)	-2.96	-2.90	-1.84	-2.62
P/OCF (x)	-8.7	-9.2	-14.5	-10.2
EV/EBITDA (current)	-10.9	-6.0	-8.5	-5.6
Net debt (US\$ m)	-159	-27	-169	-29
ROIC (%)	-59.95	-116.64	-154.77	-275.57
Number of shares (m)	39.71	IC (current, US\$	S m)	140.42
BV/share (Next Qtr., US\$)	_	EV/IC (x)	,	7.0
Net debt (Next Qtr., US\$ m)	-132.9	Dividend (currer	nt, US\$)	_
Net debt/tot cap (Next Qtr., %)	-50.3	Dividend vield (		_
Source: Company data Credit Suisse estimates		, , , , ,	,	

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# Q4 Results, Guidance, and Changes to Our Estimates

#### Expenses - Guidance was high; increasing our expense forecasts

- Net loss from operations for Q4 was (\$25.4M) versus CS estimate of (\$24.0).
- <u>Total operation expense guidance for 2015 is \$153-168M</u>, well above consensus of \$123.6M. The main source of expenses will be the Phase III studies for betrixaban and andexanet alfa, as well as the manufacturing work for the commercial scale of andexanet alfa.

We have increased our expenses in 2014 to \$159.8M from \$121.8M, and the increase in expenses also flows through our model in 2015.

YE:14 cash guidance is \$185-200M. This is expected to support operations into Q2:16, well past several value inflection points. We assume that PTLA will complete an equity raise in 2015 to help fund operations beyond 2016.

Exhibit 1: 2014 guidance

	CS estimate	Guidance
GAAP operating expenses	\$160	\$153-\$168M
Stock based comp	\$8	\$8M
Non-GAAP operating expenses	\$152	\$145-160M
Cash at year-end 2014	\$187	\$185-200M

Source: Company data, Credit Suisse estimates



Exhibit 2: Q4:13 variance table

		<u>CS</u>		<u>Conser</u>	<u>ısus</u>
	4Q:13	4Q:13		4Q:13	
Income Statement	Act.	Est	Delta	Est	Delta
Royalty revenue	0.0	0.0	0.0		
Collaboration and license revenue	2.1	0.0	2.1		
Total revenue	2.1	0.0	2.1	2.8	(0.7)
Cost of goods sold	0.0	0.0	0.0		
Milestone expense	0.0	0.0	0.0		
R&D	22.6	27.5	(4.8)	24.0	(1.4)
SG&A	4.8	3.9	0.9	3.9	0.9
Total operating expenses	27.4	31.4	(4.0)		
Income (loss) from operations	(25.4)	(31.4)	6.0	(24.0)	(1.4)
Interest and other income, net	0.3	0.3	0.0		
Interest expense	0.0	0.0	0.0		
Diluted EPS - (proforma)	(0.63)	(0.86)	0.22	(0.56)	(0.07)
Basic	39.5	36.4	3.1		
Diluted	39.7	40.3	(0.6)		

Source: Company data, Credit Suisse estimates



**Exhibit 3: PTLA news flow** 

Product/Event	Indication	Catalyst	Expected Date	Price Sensitivity
Andexanet alfa (PRT4445)	Factor Xa antidote	Additional Phase II data (enoxaparin reversal)	Q2:14	Medium
Andexanet alfa (PRT4445)	Factor Xa antidote	Phase III First-Patient-In for study with Eliquis and Xarelto	H1:14	Low
Betrixaban	Factor Xa inhibitor	Third DSMB review of APEX	2014	Low
Betrixaban	Factor Xa inhibitor	Futility analysis	Early 2015	Low
PRT2070- SYK/ JAK inhibitor	Hematologic malignancies	Phase I proof of concept	Mid:14	Low
Andexanet alfa (PRT4445)	Factor Xa antidote	Phase III initial data	Q4:14	High
Andexanet alfa (PRT4445)	Factor Xa antidote	Phase IV initiation	YE:14/ Q1:15	Low
Andexanet alfa (PRT4445)	Factor Xa antidote	Phase III full data	H1:15	High
Andexanet alfa (PRT4445)	Factor Xa antidote	BLA filing	YE:15	Medium
Betrixaban	Factor Xa inhibitor	Complete enrollment of APEX Phase III study	YE:15	Low
Betrixaban	Factor Xa inhibitor	Phase III Data	H1:16	High
PRT2070- SYK/ JAK inhibitor	Hematologic malignancies	Phase II Proof-of-Concept Data	H2:15	Medium

Source: Company data, Credit Suisse estimates

Exhibit 4: PTLA pipeline

EXITION TO LEA PIPOLING				
Product	Mechanism of Action	Indication	Stage	Partner
Betrixaban	Oral Factor Xa inhibitor	VTE prophylaxis	Phase III	Proprietary
Andexanet alfa (PRT4445)	Antidote for Factor Xa inhibitors	Reversal of Factor Xa inhibition	Phase II	Proprietary
PRT2070	Oral Dual Syk and Jak inhibitor	B-cell malignancies	Phase I	Aciex (topical only)
PRT2607	Syk inhibitor	Asthma and Inflammation	Pre-clinical	Proprietary

Source: Company data, Credit Suisse estimates



**Exhibit 5: PTLA Income Statement** 

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	2011A	2012A	Q1:13A	Q2:13A	Q3:13A	Q4:13A	2013E	2014E	2015E	2016E	2017E	2018E	2019E	2020E
US sales (prob. adjusted)														
Betrixaban										29.1	151.2	212.3	271.6	336.2
Andexanet alfa (PRT4445)										25.0	67.3	91.3	123.3	160.0
Total US sales										54.1	218.5	303.6	394.9	496.2
Royalty revenue										4.3	22.3	39.5	56.6	79.3
Collaboration and license revenue	78.0	72.0	3.1	2.6	2.8	2.1	10.5	8.0	65.0					
Total revenue	78.0	72.0	3.1	2.6	2.8	2.1	10.5	8.0	65.0	58.4	240.8	343.2	451.5	575.5
Cost of goods sold										29.1	54.6	62.0	72.7	81.9
Milestone expense									(2.0)	(13.0)				
R&D	46.1	49.7	17.7	20.8	18.1	22.6	79.3	136.6	145.7	112.8	78.5	74.2	74.8	75.5
SG&A	12.1	11.5	3.0	3.7	3.9	4.8	15.4	23.2	28.7	90.4	83.3	86.9	92.2	97.8
Total operating expenses	58.2	61.2	20.8	24.5	22.0	27.4	94.7	159.8	172.5	190.3	161.8	161.1	167.0	173.3
Income (loss) from operations	19.9	10.9	(17.7)	(21.9)	(19.2)	(25.4)	(84.2)	(151.8)	(107.5)	(160.9)	24.4	120.1	211.9	320.3
Interest and other income, net	0.1	0.5	(0.5)	0.3	0.7	0.3	0.8	0.7	0.3	0.3	0.2	0.3	0.5	1.0
Interest expense	(0.0)													
Income (loss) before income taxes	20.0	11.4	(18.1)	(21.6)	(18.6)	(25.1)	(83.4)	(151.2)	(107.1)	(160.7)	24.5	120.4	212.4	321.3
Provision for income taxes											0.5	2.4	4.2	6.4
Net income (loss)	20.0	11.4	(18.1)	(21.6)	(18.6)	(25.1)	(83.4)	(151.2)	(107.1)	(160.7)	24.0	118.0	208.1	314.9
Diluted EPS - (proforma)		\$0.44	(\$0.71)	(\$1.47)	(\$0.53)	(\$0.63)	(\$3.65)	(\$3.67)	(\$2.23)	(\$3.32)	\$0.45	\$2.19	\$3.83	\$5.73
Basic		25.4	25.4	14.7	35.2	39.5	22.8	41.2	47.9	48.4	48.9	49.4	49.9	50.4
Diluted		26.1	25.4	14.7	35.2	39.5	22.8	45.4	52.3	52.8	53.3	53.9	54.4	54.9

Source: Company data, Credit Suisse estimates



#### Companies Mentioned (Price as of 27-Feb-2014)

Portola Pharmaceuticals (PTLA.OQ, \$26.65, OUTPERFORM[V], TP \$32.0)

### **Disclosure Appendix**

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#### 3-Year Price and Rating History for Portola Pharmaceuticals (PTLA.OQ)

PTLA.OQ	Closing Price	Target Price	
Date	(US\$)	(US\$)	Rating
17-Jun-13	19.68	30.00	0 *
15-Aug-13	21.86	32.00	
07-Oct-13	26.74		R
17-Oct-13	25.68	29.74	0
06-Nov-13	22.09	32.00	

<sup>\*</sup> Asterisk signifies initiation or assumption of coverage.



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Restricted	2%	

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Price Target: (12 months) for Portola Pharmaceuticals (PTLA.OQ)

Method: Our \$32 target for PTLA is derived using a probability-adjusted DCF, assigning a 65% probability of success to betrixaban and a 55% probability to PRT4445. We us a 12% discount rate and model through the entire lifecycle. We expect the company to be cash flow positive in 2017.

Risk: Risks to our \$32 target price for PTL are (1) betrixaban Phase III APEX study fails to demonstrate clinical significance, (2) one or more factor Xa products enter the Clinically III market before betrixaban can capture a meaningful market share, (3) unexpected regulatory hurdles for PTLA's antidote program, (4) potential competition from other factor Xa antidote products, and (5) financing risk with a future capital raise.

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