

Pharming Group NV

Netherlands / Biotechnology

Primary exchange: Euronext Amsterdam /

Secondary exchange: Frankfurt

Bloomberg: PHARM NA

ISIN: NL0010391025

Q2 results

RATING PRICE TARGET

Return Potential

Risk Rating

BUY € 1.90

102.4%

High

Q2 RESULTS COULD MARK TURNING POINT IN SENTIMENT

Q2/19 sales at €42.7m (Q2/18: €30.0m) were 21.3% above the Q1/19 figure of €35.2m and 11.3% above the Bloomberg consensus forecast of €38.4m. Q2/19 operating profit of €12.4m (Q2/18: €8.1m) was 53% above the prior year figure but only 1.2% above Q1/19 because of higher R&D spend in preparation of clinical trials of Ruconest in pre-eclampsia and acute kidney injury. We think these results will further allay fears about competitors that have dogged the Pharming share since last autumn. Q2 results indicate that rather than suffering from the growth of the hereditary angioedema (HAE) prophylactic therapies Takhzyro (Takeda) and Haegarda (CSL Behring), Ruconest sales are benefiting from demand for treatment of breakthrough attacks from patients using these products. Meanwhile, the disappointing results of Biocryst's phase III trial of BCX7353 in May will ease concerns about competition from oral treatments. Lastly, worries that Ruconest's intravenous administration method is not competitive also look less pressing given that Pharming can currently sell every vial of Ruconest it can produce. In our view, evidence from the Q2 report that Ruconest growth in HAE can be relied upon, will refocus investor attention on Pharming's pipeline which includes multiple products each with sales potential of over USD1bn. We have revised up our forecasts to reflect the strong Q2 numbers and now see fair value at €1.90 (previously: €1.80). We maintain our Buy recommendation.

Highest gross margin since 2014 The Q2/19 gross margin at 87% was higher than for any quarter since 2014 helped by a shift in the sales mix towards the U.S.

U.S. pre-eclampsia patient population is 20-30X larger than HAE population In June Pharming received approval from the Dutch authorities to start a phase I/II trial of Ruconest with pre-eclampsia patients. There are 150,000 to 200,000 cases of pre-eclampsia in the U.S. every year. This compares with ca. 7,500 diagnosed U.S. HAE patients. (p.t.o.)

FINANCIAL HISTORY & PROJECTIONS

	2015	2016	2017	2018	2019E	2020E
Revenue (€m)	10.83	15.87	89.62	135.13	170.94	212.00
Y-o-y growth	-48.9%	46.6%	464.6%	50.8%	26.5%	24.0%
EBIT (€m)	-12.83	-11.54	21.91	37.99	51.81	68.07
EBIT margin	-118.5%	-72.7%	24.4%	28.1%	30.3%	32.1%
Net income (€m)	-9.96	-17.54	-76.25	24.99	25.73	49.57
EPS (diluted) (€)	-0.02	-0.04	-0.15	0.04	0.04	0.08
DPS (€)	0.00	0.00	0.00	0.00	0.00	0.00
FCF (€m)	-18.14	-67.48	32.17	36.61	24.77	15.18
Net gearing	-67.0%	128.4%	137.9%	-13.9%	-28.4%	-25.9%
Liquid assets (€m)	31.64	31.89	58.66	80.31	68.70	49.60

RISKS

The main risks to our price target include slower sales growth for Ruconest in the EU and the US than we currently model.

COMPANY PROFILE

Pharming develops and produces therapeutic proteins through a bioreactor recombinant technology platform. Lead drug Ruconest received EMA approval in 2010 and FDA approval in July 2014.

MARKET DATA

As of 26 Jul 2019

Closing Price	€ 0.94
Shares outstanding	626.80m
Market Capitalisation	€ 588.44m
52-week Range	€ 0.68 / 1.36
Avg. Volume (12 Months)	10,800,499

Multiples	2018	2019E	2020E
P/E	22.3	22.1	11.4
EV/Sales	4.2	3.4	2.7
EV/EBIT	15.1	11.1	8.4
Div. Yield	0.0%	0.0%	0.0%

STOCK OVERVIEW



COMPANY DATA

As of 30 Jun 2019

Liquid Assets	€ 63.89m
Current Assets	€ 101.22m
Intangible Assets	€ 51.52m
Total Assets	€ 205.79m
Current Liabilities	€ 65.97m
Shareholders' Equity	€ 77.49m

SHAREHOLDERS

FMR LLC	3.1%
Polar Capital Partners Ltd.	3.0%
Goldman Sachs Group Inc.	3.0%
Hagemann G.J.	2.3%
Free float and other	88.6%

**Figure 1: Q2/19 results versus our forecasts**

All figures in €m	Q2 19A	Q2 19E	Delta	Q2 18A	Delta
Sales	42.71	36.20	18.0%	29.97	42.5%
EBIT	12.39	8.50	45.7%	8.09	53.2%
margin	29.0%	23.5%	-	27.0%	-
Net income	6.86	3.30	107.7%	3.03	126.4%
margin	16.1%	9.1%	-	neg.	-
EPS (in €)	0.011	0.005	107.7%	0.005	144.4%

Source: First Berlin Equity Research estimates, Pharming Group NV

Results from the first part of the study to assess safety and tolerability are expected in Q2 next year and full results including assessment of preliminary efficacy parameters in Q4/20 or Q1/21. There is currently no FDA-approved therapy for pre-eclampsia.

Trial of Ruconest with acute kidney injury patients set to begin later this year

Pharming also expect approval from the authorities later this year to begin a phase II trial of Ruconest in acute kidney injury patients undergoing percutaneous coronary intervention (PCI) accompanied by contrast-enhanced examinations. The incidence of acute kidney injury is highest for patients with renal condition undergoing PCI. PCI is a part of the procedure used to treat narrowed coronary arteries in coronary heart disease. A catheter is used to visualise the blood vessels with x-ray imaging. After this, a coronary angioplasty can be performed in which a deflated balloon is moved into the obstructed artery and inflated to relieve the narrowing. Devices such as stents are then used to keep the artery open. These procedures both require higher volumes of contrast medium and are more likely to lead to thromboembolic events which trigger the complement system and culminate in reperfusion injury to the kidney (tissue damage caused when blood supply returns to tissue after a period of ischemia or lack of oxygen). Here too, the target U.S. patient population at ca. 0.5 million is many times the size of the HAE patient population. Readout from the trial is expected in 2020.

PROTECT results with acute kidney injury patients were very promising

Last October Pharming published the results of PROTECT, an investigator-initiated (University Hospital Basel) phase II study of Ruconest in acute kidney injury. The study enrolled 75 patients, 37 of whom were given Ruconest and 38 who were on placebo. The study achieved its endpoint with a statistically significant ($p=0.038$) reduction in urinary Neutrophil Gelatinase-Associated Lipocalin (NGAL). NGAL is a generally recognised early marker of acute renal injury in patients with diagnosed renal function impairment undergoing interventions enhanced with standard contrast media. Results in the sub-group of 30 patients undergoing PCI were particularly encouraging. Patients in this group had a median increase in peak urinary NGAL concentration within 48 hours of 1.8 ng/ml compared with an increase of 26.2 ng/ml in the placebo arm ($p=0.04$). The median percentage change in the peak urinary NGAL level within 48 hours was 11.3% for patients who received Ruconest and 205.2% in the placebo arm ($p=0.001$).

Figure 2: Expected pipeline newsflow

H2 19	Start phase II trial in acute kidney injury
Q2 20	Pre-eclampsia phase I/II trial safety component read-out
Q4 20	IND filing in Pompe disease
Q4 20/Q1 21	Full read-out on phase I/II trial in pre-eclampsia
Q1 21	Start clinical studies of new delivery methods
H1 21	Start phase I/II trial in Pompe disease
Mid-2021	Read-out on acute kidney injury phase II trial
2021	Read-out on investigator-initiated study in delayed graft function
H1 22	Start phase I/II trial in Fabry disease

Source: Pharming Group NV



During the conference call following the results, management confirmed that they are much more optimistic than a year ago about the growth outlook for Ruconest as a treatment for HAE in its current configuration (acute therapy, intravenous administration). Due to strong Ruconest sales growth and the need to assimilate insights gained from the observation of competitors' products, management states that clinical studies of new Ruconest administration methods are now not likely to start until Q1 2021. We had previously assumed H1 2020. Pharming intend that the prophylactic version of Ruconest should use a more convenient method of administration than intravenous delivery. But given the later start to the studies of new administration methods, we also put back our forecast launch date for Ruconest in prophylactic treatment of HAE in the U.S. by two years to 2023.

We raise our price target from €1.80 to €1.90 and maintain our Buy recommendation

In our valuation model, upward revisions to our forecasts to reflect the better than expected Q2 results outweigh the later timing of the launch of Ruconest in prophylaxis. Our price target moves to €1.90 (previously: €1.80) and we maintain our Buy recommendation.

Figure 3: Changes to our forecasts

All figures in €m	2019E			2020E		
	Old	New	Delta	Old	New	Delta
Sales	158.00	170.94	8.2%	184.20	212.00	15.1%
EBIT	48.74	51.81	6.3%	61.49	68.07	10.7%
margin	30.8%	30.3%	-	33.4%	32.1%	-
Net income	23.34	25.73	10.3%	44.43	49.57	11.6%
margin	14.8%	15.1%	-	24.1%	23.4%	-
EPS (in €)	0.04	0.04	10.3%	0.07	0.08	11.6%

* Total sales including other operating income such as milestone payments

Source: First Berlin Equity Research estimates

Figure 4: Valuation model

Compound	Project ¹⁾	Present Value	Patient Pop	Treatment Cost	Market Size	Market Share	Peak Sales	Gross margin	Discount Factor	Patent Life ²⁾	Time to Market
Ruconest (EU)	HAE-AA	€22.4M	4K	€ 43,478	€174M	20%	€7M	60%	10%	16	-
Ruconest (US)	HAE-AA	€1,543.3M	4K	€ 225,330	€901M	20%	€336M	87%	10%	12	-
Ruconest (EU)	HAE-PR	€4.1M	1K	€ 86,957	€87M	10%	€8M	60%	12%	4	5 years
Ruconest (US)	HAE-PR	€276.8M	2K	€ 463,768	€723M	15%	€160M	8%	12%	5	4 years
rhoGLU (EU+US)	Pompe	€479.9M	3K	€ 260,870	€826M	30%	€718M	85%	2%	18	4 years
PV of gross profits		€2,326.5M			€2,712M		€1,229M				
Costs PV		€1,027.3M									
PV after costs		€1,299.2M									
Contingent consideration		€32.0M									
Net cash (pro-forma)		€13.1M									
Fair Value		€1,280.3M									
Share Count (fully diluted, PV)		675,518K									
Fair value per share		€ 1.90									

1) A project typically refers to a specific indication or, where necessary or relevant, a combination between indication and geographic market

2) Remaining patent life in years after point of approval

Source: First Berlin Equity Research estimates

Figure 5: Changes to our valuation model

	Old	New	Delta
PV of gross profits	€2,194.3M	€2,326.5M	6.0%
Costs PV	€982.8M	€1,027.3M	4.5%
PV after costs	€1,211.5M	€1,299.2M	7.2%
Contingent consideration	€49.5M	€32.0M	-35.3%
Proforma net cash	€17.5M	€13.1M	-25.1%
Fair Value	€1,179.5M	€1,280.3M	8.5%
Share Count (fully diluted, PV)	657,323K	675,518K	2.8%
Fair value per share	€ 1.80	€ 1.90	5.3%

Source: First Berlin Equity Research estimates



INCOME STATEMENT

All figures in EUR '000	2015A	2016A	2017A	2018A	2019E	2020E
Revenues	10,828	15,873	89,620	135,130	170,935	212,000
Costs of sales	-4,800	-4,683	-12,445	-22,180	-23,511	-29,680
Gross profit	6,028	11,190	77,175	112,950	147,424	182,320
Other income	147	335	790	684	481	600
Research and development	-14,180	-15,388	-18,657	-28,882	-36,377	-47,000
General and administrative	-3,744	-4,642	-5,974	-12,221	-14,942	-16,850
Marketing and sales	-1,085	-3,035	-31,422	-34,539	-44,776	-51,000
Operating income (EBIT)	-12,834	-11,540	21,912	37,992	51,810	68,070
Net financial result	2,877	-5,996	-107,601	-37,135	-16,558	-4,523
Pre-tax income (EBT)	-9,957	-17,536	-85,689	857	35,252	63,547
Income taxes	0	0	9,442	24,136	-9,520	-13,980
Minority interests	0	0	0	0	0	0
Net income / loss	-9,957	-17,536	-76,247	24,993	25,732	49,567
Diluted EPS	-0.02	-0.04	-0.15	0.04	0.04	0.08
EBITDA	-11,871	-10,784	25,327	40,342	55,660	71,920
Ratios						
Gross margin on revenues	55.7%	70.5%	86.1%	83.6%	86.2%	86.0%
EBITDA margin on revenues	n.m.	n.m.	28.3%	29.9%	32.6%	33.9%
EBIT margin on revenues	n.m.	n.m.	24.4%	28.1%	30.3%	32.1%
Net margin on revenues	n.m.	n.m.	n.m.	18.5%	15.1%	23.4%
Expenses as % of revenues						
Cost of sales	44.3%	29.5%	13.9%	16.4%	13.8%	14.0%
Research and development	131.0%	96.9%	20.8%	21.4%	21.3%	22.2%
General and administrative	34.6%	29.2%	6.7%	9.0%	8.7%	7.9%
Marketing and sales	10.0%	19.1%	35.1%	25.6%	26.2%	24.1%
Y-Y Growth						
Revenues	-48.9%	46.6%	464.6%	50.8%	26.5%	24.0%
Operating income	n.m.	n.m.	n.m.	73.4%	36.4%	31.4%
Net income/ loss	n.m.	n.m.	n.m.	n.m.	3.0%	92.6%



BALANCE SHEET

All figures in EUR '000	2015A	2016A	2017A	2018A	2019E	2020E
Assets						
Current assets, total	51,092	62,190	88,251	115,440	109,771	97,490
Cash and cash equivalents	31,643	31,889	58,657	80,311	68,696	49,605
Receivables	3,220	12,360	11,260	17,814	20,829	24,283
Inventories	16,229	17,941	18,334	17,315	20,245	23,603
Other current assets	0	0	0	0	0	0
Non-current assets, total	6,585	64,593	77,939	99,129	98,321	96,194
Property, plant & equipment	5,661	6,043	8,234	8,402	9,480	9,210
Long term prepayments	0	1,622	2,296	2,006	2,370	2,763
Deferred tax assets	0	0	9,442	35,082	35,082	35,082
Goodwill & other intangibles	724	56,680	56,631	52,435	50,185	47,935
Restricted cash	200	248	1,336	1,204	1,204	1,204
Total assets	57,677	126,783	166,190	214,569	208,092	193,684
Shareholders' equity & debt						
Current liabilities, total	13,475	51,378	60,743	82,599	104,657	55,463
Debt	3,047	26,136	22,398	35,235	29,750	14,911
Contract liabilities	2,207	943	804	800	935	1,091
Derivative financial liabilities	953	9,982	10,080	228	228	228
Trade and other payables	7,005	14,054	27,198	28,589	33,428	38,971
Finance lease liabilities	263	263	263	263	263	263
Other financial liabilities	0	0	0	17,484	40,053	0
Longterm liabilities, total	20,363	47,938	89,337	70,219	15,952	1,172
Debt	11,757	40,395	59,161	37,267	14,911	0
Deferred tax liabilities	0	0	0	87	87	87
Contract liabilities	7,808	2,270	1,467	667	790	921
Finance lease liabilities	798	599	390	164	164	164
Other financial liabilities	0	4,674	28,319	32,034	0	0
Minority interests	0	0	0	0	0	0
Shareholders' equity	23,839	27,467	16,110	61,751	87,483	137,050
Total consolidated equity and debt	57,677	126,783	166,190	214,569	208,092	193,684
Ratios						
Current ratio (x)	3.79	1.21	1.45	1.40	1.05	1.76
Quick ratio (x)	2.59	0.86	1.15	1.19	0.86	1.33
Net gearing	-67.0%	128.4%	137.9%	-13.9%	-28.4%	-25.9%
Book value per share (€)	0.06	0.06	0.03	0.10	0.14	0.22
Net debt	-15,978	35,256	22,219	-8,586	-24,813	-35,471
Return on equity (ROE)	-37.1%	-68.4%	-349.9%	64.2%	34.5%	44.2%



CASH FLOW STATEMENT

All figures in EUR '000	2015A	2016A	2017A	2018A	2019E	2020E
EBIT	-12,834	-11,540	21,912	37,992	51,810	68,070
Depreciation and amortization	963	756	3,415	6,559	3,850	3,850
EBITDA	-11,871	-10,784	25,327	44,551	55,660	71,920
Changes in working capital	-5,267	642	11,099	-4,144	-1,212	-1,375
Interest income, taxes paid, other	-103	138	1,787	-31	-9,520	-13,980
Milestone payments	0	0	0	0	-17,484	-40,053
Operating cash flow	-17,241	-10,004	38,213	40,376	27,444	16,511
CAPEX	-898	-57,474	-6,045	-3,769	-2,678	-1,330
Free cash flow	-18,139	-67,478	32,168	36,607	24,766	15,181
Debt financing, net	15,524	63,635	-10,088	-28,457	-36,381	-34,273
Equity financing, net	483	8,825	6,833	10,496	0	0
Other changes in cash	-410	-4,736	-1,057	3,008	0	0
Net cash flows	-2,542	246	27,856	21,654	-11,615	-19,092
Cash, start of the year	34,185	31,643	31,889	58,657	80,311	68,696
Cash, end of the year	31,643	31,889	58,657	80,311	68,696	49,605
EBITDA/share	-0.03	-0.03	0.05	0.07	0.09	0.12
Y-Y Growth						
Operating cash flow	n.m.	n.m.	n.m.	5.7%	-32.0%	-39.8%
Free cash flow	n.m.	n.m.	n.m.	13.8%	-32.3%	-38.7%
EBITDA/share	n.m.	n.m.	n.m.	45.2%	22.6%	29.2%

FIRST BERLIN RECOMMENDATION & PRICE TARGET HISTORY

Report No.:	Date of publication	Previous day closing price	Recommendation	Price target
Initial Report	10 November 2009	€0.52	Buy	€0.70
2...42	↓	↓	↓	↓
43	12 December 2018	€0.79	Buy	€2.00
44	12 March 2019	€0.80	Buy	€1.80
45	21 May 2019	€0.79	Buy	€1.80
46	Today	€0.94	Buy	€1.90

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PRICE TARGET DATES

Unless otherwise indicated, current prices refer to the closing prices of the previous trading day.

AGREEMENT WITH THE ANALYSED COMPANY AND MAINTENANCE OF OBJECTIVITY

The present financial analysis is based on the author's own knowledge and research. The author prepared this study without any direct or indirect influence exerted on the part of the analysed company. Parts of the financial analysis were possibly provided to the analysed company prior to publication in order to avoid inaccuracies in the representation of facts. However, no substantial changes were made at the request of the analysed company following any such provision.

ASSET VALUATION SYSTEM

First Berlin's system for asset valuation is divided into an asset recommendation and a risk assessment.

ASSET RECOMMENDATION

The recommendations determined in accordance with the share price trend anticipated by First Berlin in the respectively indicated investment period are as follows:

Category		1	2
Current market capitalisation (in €)		0 - 2 billion	> 2 billion
Strong Buy ¹	An expected favourable price trend of:	> 50%	> 30%
Buy	An expected favourable price trend of:	> 25%	> 15%
Add	An expected favourable price trend of:	0% to 25%	0% to 15%
Reduce	An expected negative price trend of:	0% to -15%	0% to -10%
Sell	An expected negative price trend of:	< -15%	< -10%

¹ The expected price trend is in combination with sizable confidence in the quality and forecast security of management.

Our recommendation system places each company into one of two market capitalisation categories. Category 1 companies have a market capitalisation of €0 – €2 billion, and Category 2 companies have a market capitalisation of > €2 billion. The expected return thresholds underlying our recommendation system are lower for Category 2 companies than for Category 1 companies. This reflects the generally lower level of risk associated with higher market capitalisation companies.

RISK ASSESSMENT

The First Berlin categories for risk assessment are low, average, high and speculative. They are determined by ten factors: Corporate governance, quality of earnings, management strength, balance sheet and financial risk, competitive position, standard of financial disclosure, regulatory and political uncertainty, strength of brandname, market capitalisation and free float. These risk factors are incorporated into the First Berlin valuation models and are thus included in the target prices. First Berlin customers may request the models.

INVESTMENT HORIZON

Unless otherwise stated in the financial analysis, the ratings refer to an investment period of twelve months.

UPDATES

At the time of publication of this financial analysis it is not certain whether, when and on what occasion an update will be provided. In general First Berlin strives to review the financial analysis for its topicality and, if required, to update it in a very timely manner in connection with the reporting obligations of the analysed company or on the occasion of ad hoc notifications.

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Legally required information regarding

- key sources of information in the preparation of this research report
- valuation methods and principles
- sensitivity of valuation parameters

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