

Tokai Pharmaceuticals Inc

COMPANY AND PIPELINE OVERVIEW REPORT

A comprehensive coverage of the company and a summary of the drug pipeline portfolio.

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ABOUT COMPANY AND PIPELINE OVERVIEW REPORT

Thomson Reuters provides the knowledge, tools, and expertise to help support drug discovery and development activities, IP portfolio optimization, identification of licensing and partnering opportunities, delivery of successful regulatory submissions, and the ability to keep current with the rapidly-changing pharmaceutical and chemical markets, supporting informed, early decisions.

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GLOSSARY

Number of Drugs in Active Development

Number of drugs associated with the company or subsidiary that are currently in active development, i.e. the development status for the drug(s) is one of the following: Discovery, Clinical, Phase I, Phase II, Phase III, Pre-registration, Registered, Launched, or Suspended.

Number of Inactive Drugs

Number of drugs associated with the company or subsidiary that are currently classified as inactive, i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.

Number of Patents as Owner

Number of patents associated with the company where the company is listed as owner; i.e. the relationship type (or way the patent refers to the company) is: Patent Assignee/Owner, Patent owner (not assignee), Licensee for development and marketing, Licensee – marketing only (Distributor), Patent assignee of family member, Inferred assignee.

Number of Patents as Third Party

Number of patents associated with the company where the company is listed as third party; i.e. the relationship type (or way the patent refers to the company) is: Patent assignee (not owner), Ex-Licensee for development and marketing, Ex-Licensee marketing only (Distributor), Customer of technology, Ex-Customer of technology, Patent opponent or infringer, Affiliate organization of inventor, Owner of underlying technology.

Patents summary table

This table represents a summary of the core patent coverage for this company covering Therapeutic EP, US and WO patents since 1990 only.

Number of Deals

A count of deals where the company or one of its subsidiaries is the primary company.

Key Indications

Displays top ten key indications for the company and its subsidiaries based on frequency (indications occurring with high and identical frequency are always included, and this may result in more than ten Key Indications being listed). Includes both indications associated with patents where the company is patent owner and indications associated with drugs in active development. A drug is classified as 'active' if it features on a row (or rows) in the current development status table where the status is one of the following: Discovery, Clinical, Phase I, Phase II, Phase III, Pre-registration, Registered, Launched, or Suspended.

Key Target-based Actions

Displays top ten key target-based actions for the company and its subsidiaries based on frequency (actions occurring with high and identical frequency are always included, and this may result in more than ten Key Target-based Actions being listed). Includes both target-based actions associated with patents where the company patent owner and target-based actions associated with drugs in active development. A drug is classified as 'active' if it features on a row (or rows) in the current development status table where the status is one of the following: Discovery, Clinical, Phase I, Phase II, Phase III, Pre-registration, Registered, Launched, or Suspended. A target-based action is one that is associated with a target.

Key Technologies

Displays top ten key technologies for the company and its subsidiaries based on frequency (technologies occurring with high and identical frequency are always included, and this may result in more than ten Key Technologies being listed). Includes both key technologies associated with patents where the company relationship is patent owner and key technologies associated with drugs in active development. A drug is classified as 'active' if it features on a row (or rows) in the current development status table where the status is one of the following: Discovery, Clinical, Phase I, Phase II, Phase III, Pre-registration, Registered, Launched, or Suspended.

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PLEASE NOTE: the financials section where present in the report includes: Share Information, Stock Performance chart (including the consensus recommendation), and Major Shareholders. Financial Performance presents graphical and tabular data on Worldwide Sales, Operating Income and Net Income over time, together with a Quarterly earnings update. Balance Sheet lists Assets, Liabilities and Stockholders Equity, and Forecasts includes: EPS Forecast and Other Forecasts. The data reported in all sections (except share information and major stock holders) are correct as of the publication date of the report (and not the download date). For share information and major stock holders the data is correct for the date shown with these sections

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Tokai Pharmaceuticals Inc

COMPANY OVERVIEW

Company Name	Tokai Pharmaceuticals Inc
Parent Company Name	Tokai Pharmaceuticals Inc
Website	http://www.tokaipharmaceuticals.com/
Country	US
Number of Drugs in Active Development	1
Number of Inactive Drugs	2
Number of Patents as Owner	11
Number of Patents as Third Party	0
Number of Deals	7
Key Indications	Hormone refractory prostate cancer, Pancreatic ductal adenocarcinoma, Prostate tumor, Breast tumor, Alopecia, Anorexia nervosa, Hirsutism, Ovary tumor, Prostate hyperplasia, Bladder cancer, Bone tumor, Endometrioid carcinoma, Gonadal disease, Leukemia, Lung tumor, Lymphoma, Pancreas tumor, Skin cancer, Uterine cervix tumor
Key Target-based Actions	Cytochrome P450 17 inhibitor, Androgen receptor antagonist, Androgen receptor modulator, Cytochrome P450 17A1 inhibitor, Phosphoinositide 3-kinase inhibitor, Prostate specific antigen inhibitor, mTOR inhibitor
Key Technologies	Analytical method, Capsule formulation, Crystalline form, Drug combination, Drug screening, Formulation solid oral, Microparticle formulation, Prodrug, Steroid

COMPANY PROFILE

SUMMARY

Tokai Pharmaceuticals, a privately-held biopharmaceutical company, focused on the development of treatments for prostate cancer.

FINANCIAL

In September 2014, Tokai priced its initial public offering of 6.48 million shares of common stock at a public offering price of \$15 each. The underwriters were granted a 30-day option to purchase up to an additional 972,000 shares of common stock, at the public offering price. Tokai's common stock began trading on The NASDAQ Global Market under the ticker symbol 'TKAI'; later that month, the offering which resulted in gross proceeds of \$97.2 million was closed. By September 2014, the company had raised an additional gross proceeds of \$8.1 million, following the partial exercise of their option by the underwriters to purchase additional shares of 540,000.

In May 2013, the company raised \$35.5 million in a series E financing.

In September 2011, Tokai raised \$23 million in a series D3 financing.

COMPANY FINANCIALS

SHARE INFORMATION

Close Price (USD)	13.09
Change (USD)	-0.62 (-4.52%)
Previous Close Price (USD)	13.71

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Volume	114,406
52-Week High (USD)	30.00
52-Week Low (USD)	9.67
Date	04-Sep-2015
Exchange	NASDAQ(COMPOSITE)
Current Number of Shares Outstanding	22,547,660
Current Market Capitalization	263,356,669
EPS (Date Reported)	-1.04082

STOCK PERFORMANCE



MAJOR SHAREHOLDERS

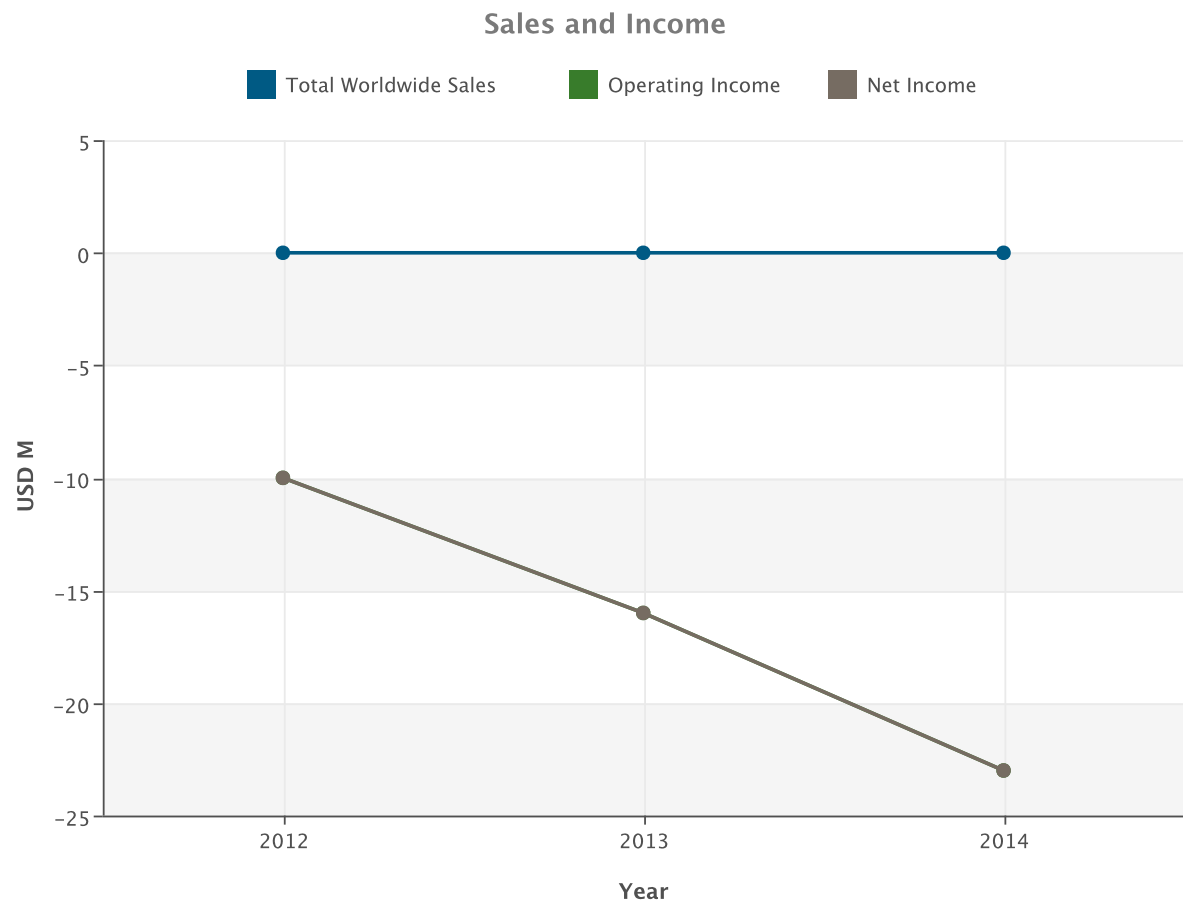
Shareholder	Type	Country	Shares held	% of shares held	Change in holding	% changes in shares held	Date
Fidelity Select Biotechnology Portfolio	Mutual Fund	United States	484,000	2.15	0	0	31-Jul-2015
Vanguard Total Stock Market Index Fund	Mutual Fund	United States	145,408	0.64	0	0	31-Jul-2015

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iShares Russell 2000 ETF	Mutual Fund	United States	142,440	0.63	-5,456	-0.04	31-Jul-2015
BNY Mellon Small Cap Multi-Strategy Fund	Mutual Fund	United States	124,199	0.55	78,331	1.71	31-Jul-2015
Columbia Small Cap Growth Fund I	Mutual Fund	United States	116,400	0.52	-2,100	-0.02	31-Jul-2015
Fidelity Advisor Biotechnology Fund	Mutual Fund	United States	91,000	0.4	0	0	31-Jul-2015
JPMorgan U.S. Small Company Fund	Mutual Fund	United States	82,100	0.36	6,000	0.08	31-Jul-2015
BNY Mellon Small/Mid Cap Multi-Strategy Fund	Mutual Fund	United States	68,953	0.31	43,324	1.69	31-Jul-2015
Vanguard Extended Market Index Fund	Mutual Fund	United States	48,560	0.22	10,537	0.28	31-Jul-2015
JP Morgan Small Cap Core Fund	Mutual Fund	United States	41,600	0.18	-4,100	-0.09	31-Jul-2015
Crystal Global Opportunities Fund	Mutual Fund	Liechtenstein	40,000	0.18	40,000	1	31-Jul-2015
iShares Russell 2000 Value ETF	Mutual Fund	United States	38,797	0.17	0	0	31-Jul-2015
ALPS Medical Breakthroughs ETF	Mutual Fund	United States	34,454	0.15	11,521	0.5	31-Jul-2015
Morrison (Jodie Pope)	Individual Investor	United States	29,551	0.13	20,000	2.09	29-Jul-2015
LifeSci Index Partners, LLC	Investment Advisor	United States	29,526	0.13	5,607	0.23	31-Jul-2015
BioShares Biotechnology Clinical Trials Fund	Mutual Fund	United States	29,526	0.13	5,607	0.23	31-Jul-2015
Dreyfus The Boston Company Small Cap Growth Fund	Mutual Fund	United States	27,600	0.12	16,443	1.47	31-Jul-2015
iShares Russell 2000 Growth ETF	Mutual Fund	United States	28,936	0.13	-465	-0.02	31-Aug-2015
Fidelity Spartan Extended Market Index Fund	Mutual Fund	United States	22,549	0.1	0	0	31-Jul-2015
iShares Micro-Cap ETF	Mutual Fund	United States	24,327	0.11	-424	-0.02	31-Aug-2015

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	2012	2013	2014		
Sales (USD M)	0	0	0		
Operating Income (USD M)	-9.649	-15.749	-23.462		
Net Income (USD M)	-9.683	-15.819	-23.296		

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Quarterly earnings update

Period	Sales (USD M)	Operating Income (USD M)	Net Income (USD M)
2015 Q2	0	-8.982	-8.957
2015 Q1	0	-13.3	-13.26
2014 Q4	0	-6.261	-6.208
2014 Q3	0	-6.424	-6.39
2014 Q2	0	-5.885	-5.851
2014 Q1	0	-4.892	-4.847
2013 Q4	0	-5.549	-5.54
2013 Q3	0	-3.365	-3.365
2013 Q2	0	-4.444	-4.524
2013 Q1	0	-2.391	-2.39

BALANCE SHEET

Assets (USD M)

	2012	2013	2014		
Cash & Short Term Investments	11.691	31.753	105.256		
Inventories - Total	0	0	0		
Current Assets - Total	11.926	32.178	107.511		
Property, Plant And Equipment - Net	0.016	0.029	0.033		
Other Assets - Total	0	0.03	0		
Total Assets	11.962	32.287	107.744		

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Liabilities (USD M)

	2012	2013	2014		
Accounts Payable	0.764	0.005	0.765		
Short Term Debt & Current Portion Of Long Term Debt	0	0	0		
Current Liabilities - Total	2.018	2.209	4.243		
Long Term Debt	0	0	0		
Other Liabilities	0	0	0		
Total Liabilities	2.018	2.209	4.243		

Stockholders Equity (USD M)

	2012	2013	2014		
Minority Interest	0	0	0		
Preferred Stock	49.845	85.345	0		
Common Stock	0	0	0.022		
Treasury Stock	0	0	0		
Total Liabilities & Shareholders' Equity	11.962	32.287	107.744		

FORECASTS

EPS Forecast

Year ending	Current Forecast	1 month ago	3 months ago
31-Dec-2015	-2.03	-2.16	-2.09
31-Dec-2016	-2	-1.96	-1.91
31-Dec-2017	-0.81	-0.94	-0.94

Other Forecasts

Year ending	DPS	CPS	Pretax	Sales
31-Dec-2015			-45.56	0
31-Dec-2016			-57.31	0
31-Dec-2017			15.91	70.29

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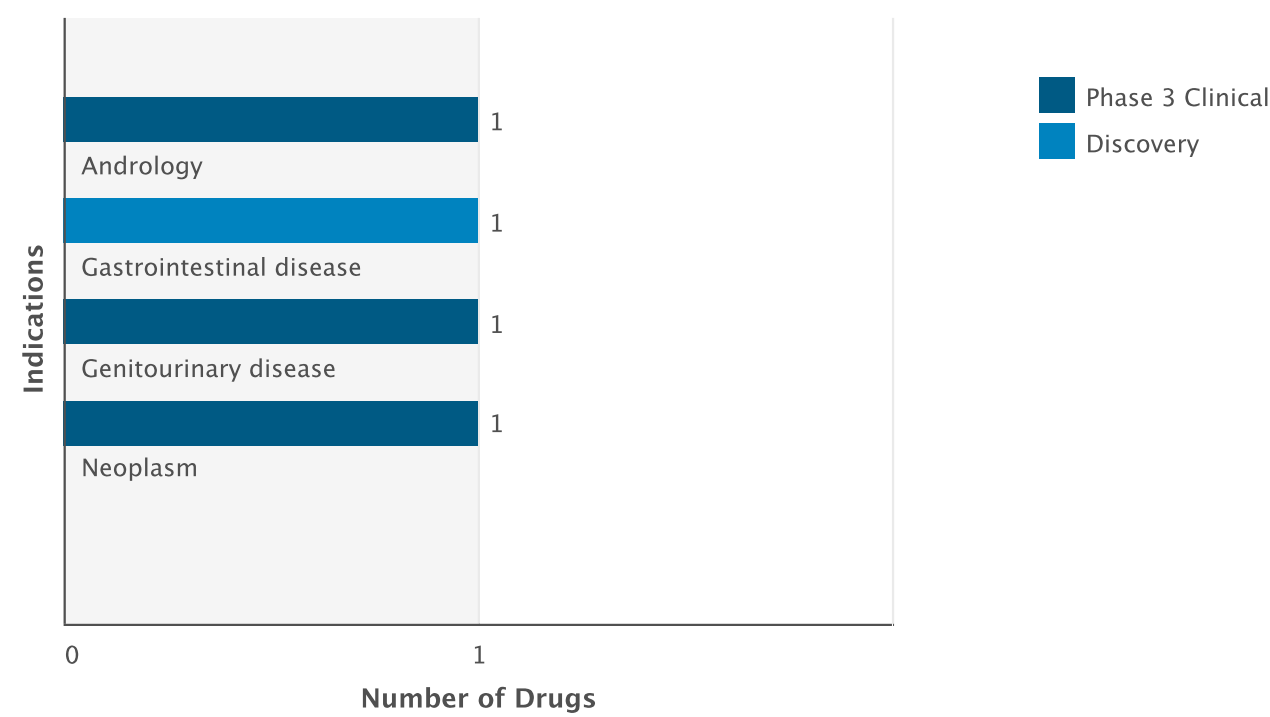


PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



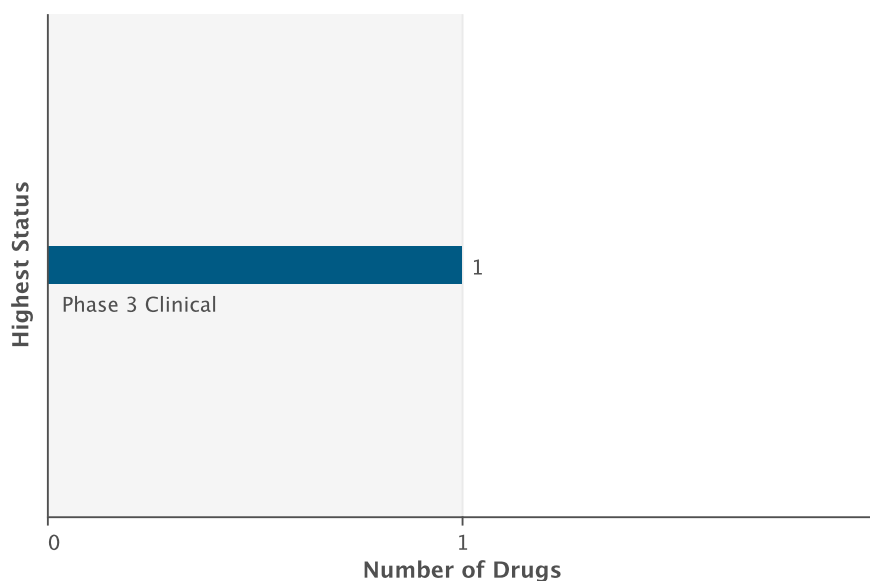
Drugs by Indication Table

Indication	Active	Inactive	Total
Neoplasm	1	1	2
Genitourinary disease	1	1	2
Gynecology and obstetrics	0	1	1
Surgical procedure	0	1	1
Andrology	1	0	1
Gastrointestinal disease	1	0	1

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Drugs by Highest Status

Active Drugs by Highest Status Chart



Drugs by Highest Status Table

Development Status	Number of Drugs
Phase 3 Clinical	1
No Development Reported	2

DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Technology - Delivery/Formulation	0	0	2	0	2
Drug - Early Research/Development	0	0	2	0	2
Technology - Other Proprietary	0	0	2	0	2
Drug - Development/Commercialization License	0	0	1	0	1

CLINICAL TRIALS

Trials by Condition Studied

Condition Studied	Ongoing	All
Neoplasm	2	4

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Andrology	2	4
Genitourinary disease	2	4

Trials by Phase

Phase	Ongoing	All
Phase 3	1	1
Phase 2	1	2
Phase 1	0	1

Phase Definitions

Phase 3 Clinical

Includes Phase 3, Phase 3b, Phase 3a, Phase 2/3 (where enrolment count is 300 or over)

Phase 2 Clinical

Includes Phase 2, Phase 2a, Phase 2b, Phase 1/2 (where enrolment count is 100 or over), Phase 2/3 (where enrolment count is under 300 or not specified)

Phase 1 Clinical

Includes Phase 1, Phase 1a, Phase 1, Phase 1/2 (where enrolment count is under 100 or not specified), Phase 0

PATENTS *

Indication	As Owner	As Third Party	Total
Andrology	10	0	10
Immune disorder	1	0	1
Psychiatric disorder	2	0	2
Musculoskeletal disease	2	0	2
Neoplasm	11	0	11
Neurological disease	1	0	1
Respiratory disease	1	0	1
Toxicity and intoxication	1	0	1
Endocrine disease	8	0	8
Gastrointestinal disease	1	0	1
Genitourinary disease	10	0	10
Growth disorder	4	0	4
Hematological disease	2	0	2
Gynecology and obstetrics	8	0	8

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Dermatological disease	4	0	4
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* This table represents a summary of the core patent coverage for this company covering Therapeutic EP, US and WO patents since 1990 only.

PRODUCT PORTFOLIO DRUGS

PLEASE NOTE: Highest status refers to highest development of that drug for one of the active companies

galeterone

Drug Name	galeterone
Key Synonyms	galeterone
Originator Company	University of Maryland
Active Companies	University of Maryland, Tokai Pharmaceuticals Inc
Inactive Companies	
Highest Status	Phase 3 Clinical
Active Indications	Hormone refractory prostate cancer, Prostate tumor, Pancreatic ductal adenocarcinoma
Target-based Actions	Androgen receptor antagonist, Cytochrome P450 17A1 inhibitor
Other Actions	Anticancer
Technologies	Small molecule therapeutic, Steroid, Tablet formulation, Oral formulation, Capsule formulation
Last Change Date	25-Jun-2015

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