

## Eagle 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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## 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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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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# Eagle Pharmaceuticals Inc

## COMPANY OVERVIEW

Company Name	Eagle Pharmaceuticals Inc
Parent Company Name	Eagle Pharmaceuticals Inc
Website	http://www.eagleus.com/
Country	US
Number of Drugs in Active Development	6
Number of Inactive Drugs	2
Number of Patents as Owner	11
Number of Patents as Third Party	0
Number of Deals	9
Key Indications	Cancer,Non-Hodgkin lymphoma,Chronic lymphocytic leukemia,Hyperthermia,Mesothelioma,Thrombosis,Malignant hyperthermia,Metastatic non small cell lung cancer,Pneumonia,B-cell
Key Target-based Actions	Factor IIa antagonist,PARP modulator,DHFR inhibitor,Thymidylate synthase inhibitor,Transferase inhibitor,DNA methyltransferase inhibitor,Ryanodine receptor antagonist,Topoisomerase I inhibitor
Key Technologies	Intravenous formulation,Small molecule therapeutic,Infusion,Peptide,Biological therapeutic,Nanoparticle formulation injectable,Parenteral formulation unspecified,Suspension,Systemic formulation unspecified,Formulation preservation

## COMPANY PROFILE

### SUMMARY

Eagle Pharmaceuticals Inc is a specialty pharmaceutical company, founded in 2007, which develops improved formulations of injectable products.

### LICENSING AGREEMENTS

In September 2009, The Medicines Company licensed rights in the US and Canada to a ready-to-use formulation of argatroban from Eagle Pharmaceuticals. The formulation was under review by the FDA. Eagle would receive \$5 million up front in cash, and The Medicines Company would make a \$2 million equity investment in Eagle. Eagle could also receive milestones and royalties.

### FINANCIAL

By May 2014, a one-for-6.41 reverse stock split of the company's common stock, and all outstanding shares of preferred stock converted into 7,487,928 million shares of common stock, had been approved by the company's board of directors. And also, all series C preferred stock warrants outstanding have been exercised for 34,074 shares of common stock.

In February 2014, the company planned to issue 3.35 million shares of common stock through an initial public offering at a price of \$15 per share and underwriters were granted 30-day option to purchase additional 502,500 shares of common stock. The Offering was expected to close on February 18, 2014. At that time, the shares were expected to be traded under the ticker symbol "EGRX".

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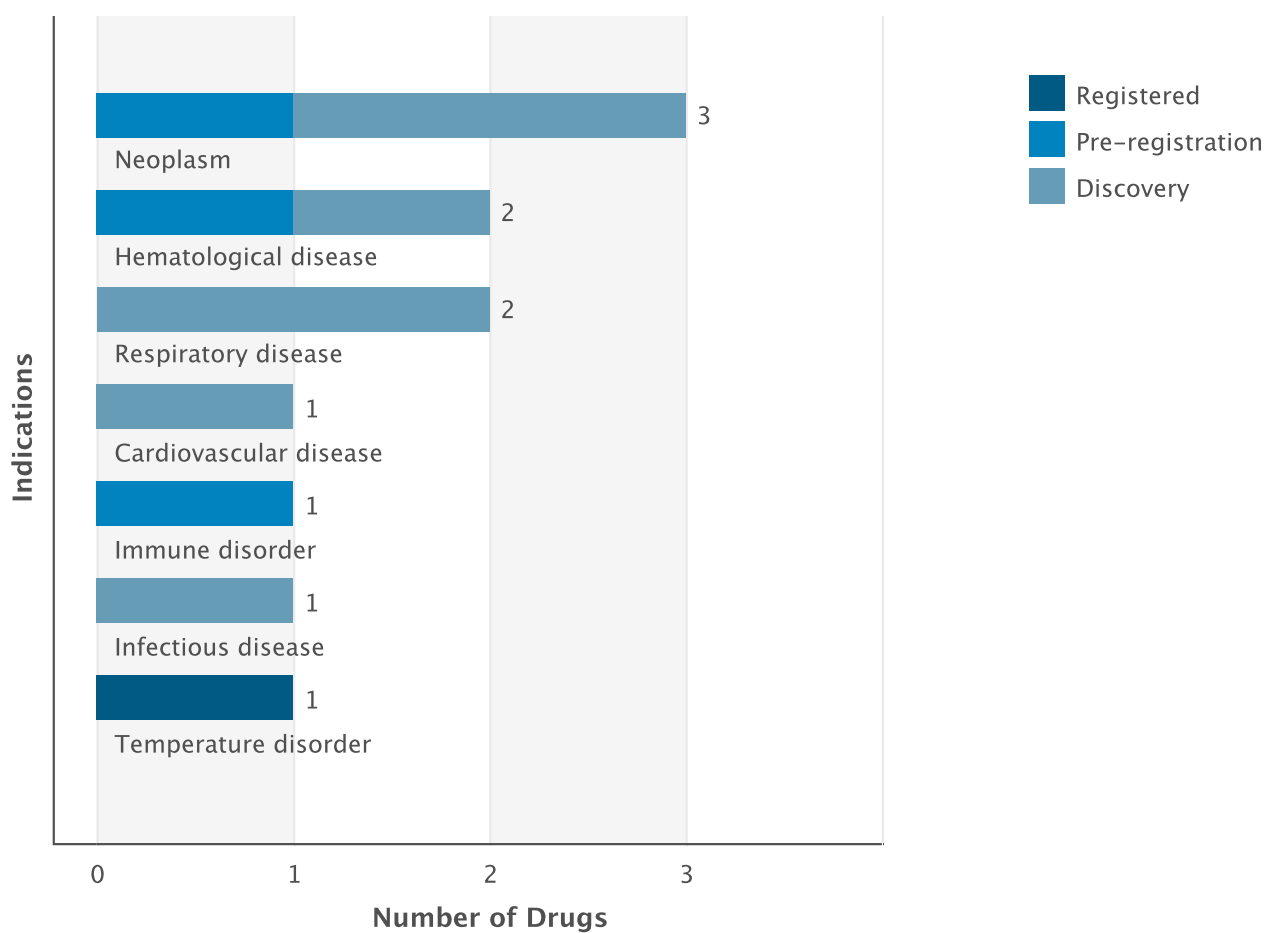


## PRODUCT PORTFOLIO SUMMARY

### DRUGS

#### Drugs by Indication

Active Drugs by Indication Chart



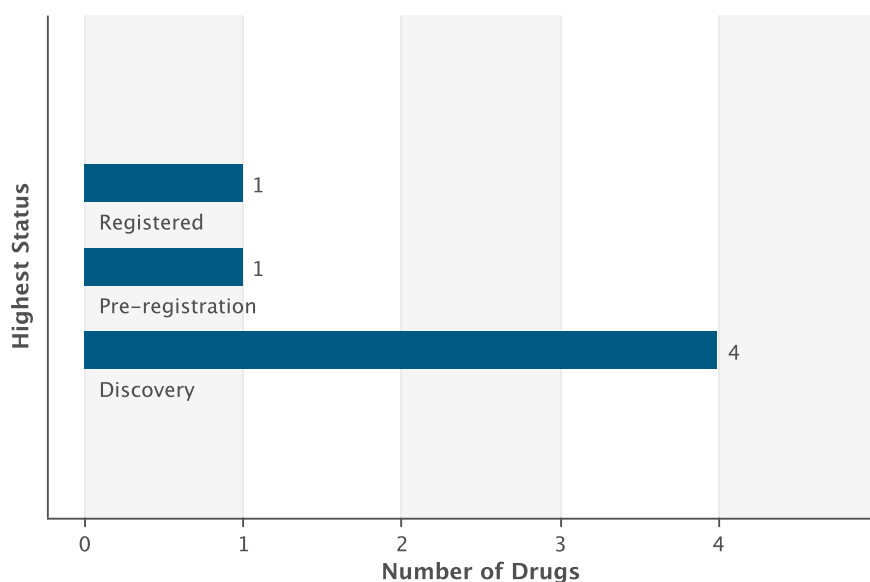
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## Drugs by Indication Table

Indication	Active	Inactive	Total
Neoplasm	3	1	4
Hematological disease	2	1	3
Cardiovascular disease	1	1	2
Respiratory disease	2	0	2
Immune disorder	1	0	1
Infectious disease	1	0	1
Temperature disorder	1	0	1

## Drugs by Highest Status

### Active Drugs by Highest Status Chart



## Drugs by Highest Status Table

Development Status	Number of Drugs
Registered	1
Pre-registration	1
Discovery	4
Discontinued	1
No Development Reported	1

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## DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Patent - Exclusive Rights	0	0	3	0	3
Drug - Manufacturing/Supply	0	0	1	0	1
Drug - Development/Commercialization License	1	0	2	0	3
Technology - Delivery/Formulation	0	0	1	0	1

## CLINICAL TRIALS

### Trials by Condition Studied

Condition Studied	Ongoing	All
Gastrointestinal disease	0	1
Hematological disease	1	1
Neoplasm	1	1
Immune disorder	0	1
Inflammatory disease	0	1

### Trials by Phase

Phase	Ongoing	All
Phase 3	0	1
Phase 1	1	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
Cardiovascular disease	5	0	5
Endocrine disease	1	0	1
Gastrointestinal disease	1	0	1

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Genitourinary disease	2	0	2
Hematological disease	5	0	5
Immune disorder	2	0	2
Neoplasm	6	0	6
Neurological disease	2	0	2
Respiratory disease	2	0	2
Infectious disease	1	0	1
Injury	2	0	2
Inflammatory disease	1	0	1
Gynecology and obstetrics	1	0	1
Temperature disorder	2	0	2
Dermatological disease	1	0	1

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

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## PRODUCT PORTFOLIO DRUGS

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

### dantrolene sodium (heat stroke/malignant hyperthermia), Eagle Pharmaceuticals

<b>Drug Name</b>	dantrolene sodium (heat stroke/malignant hyperthermia), Eagle Pharmaceuticals
<b>Key Synonyms</b>	dantrolene sodium, dantrolene, Ryanodex
<b>Originator Company</b>	Eagle Pharmaceuticals Inc
<b>Active Companies</b>	Eagle Pharmaceuticals Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Registered
<b>Active Indications</b>	Malignant hyperthermia, Hyperthermia
<b>Target-based Actions</b>	
<b>Other Actions</b>	Unspecified drug target
<b>Technologies</b>	Nanoparticle formulation injectable, Intravenous formulation, Suspension, Small molecule therapeutic
<b>Last Change Date</b>	24-Jul-2014

### ready-to-dilute bendamustine hydrochloride (iv, chronic lymphocytic leukemia/non-Hodgkin's lymphoma), Eagle Pharmaceuticals

<b>Drug Name</b>	ready-to-dilute bendamustine hydrochloride (iv, chronic lymphocytic leukemia/non-Hodgkin's lymphoma), Eagle Pharmaceuticals
<b>Key Synonyms</b>	bendamustine
<b>Originator Company</b>	Eagle Pharmaceuticals Inc
<b>Active Companies</b>	Eagle Pharmaceuticals Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Pre-registration
<b>Active Indications</b>	Chronic lymphocytic leukemia, Non-Hodgkin lymphoma
<b>Target-based Actions</b>	PARP modulator
<b>Other Actions</b>	Anticancer alkylating agent
<b>Technologies</b>	Intravenous formulation, Infusion, Small molecule therapeutic
<b>Last Change Date</b>	15-Jul-2014

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### tigecycline (subcutaneous/sustained release, Medusa), Flamel/Eagle

<b>Drug Name</b>	tigecycline (subcutaneous/sustained release, Medusa), Flamel/Eagle
<b>Key Synonyms</b>	tigecycline
<b>Originator Company</b>	Flamel Technologies SA
<b>Active Companies</b>	Eagle Pharmaceuticals Inc, Flamel Technologies SA
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Pneumonia
<b>Target-based Actions</b>	
<b>Other Actions</b>	Ribosome binding agent, Antibacterial, Bacterial protein synthesis inhibitor, Tetracycline
<b>Technologies</b>	Injectable controlled release formulation, Gel formulation, Sustained release formulation, Subcutaneous formulation, Antibiotic, Small molecule therapeutic
<b>Last Change Date</b>	16-Jan-2014

### undisclosed compounds (cancer), SciDose/Eagle Pharmaceuticals

<b>Drug Name</b>	undisclosed compounds (cancer), SciDose/Eagle Pharmaceuticals
<b>Key Synonyms</b>	
<b>Originator Company</b>	SciDose LLC
<b>Active Companies</b>	Eagle Pharmaceuticals Inc, SciDose LLC
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Cancer
<b>Target-based Actions</b>	
<b>Other Actions</b>	Anticancer, Unspecified drug target
<b>Technologies</b>	Small molecule therapeutic
<b>Last Change Date</b>	04-Jul-2014

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**ready-to-use bivalirudin (iv, thrombosis in percutaneous transluminal angioplasty), Eagle Pharmaceuticals**

<b>Drug Name</b>	ready-to-use bivalirudin (iv, thrombosis in percutaneous transluminal angioplasty), Eagle Pharmaceuticals
<b>Key Synonyms</b>	bivalirudin
<b>Originator Company</b>	Eagle Pharmaceuticals Inc
<b>Active Companies</b>	Eagle Pharmaceuticals Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Thrombosis
<b>Target-based Actions</b>	Factor IIa antagonist
<b>Other Actions</b>	Hirudin modulator, Coagulation inhibitor
<b>Technologies</b>	Intravenous formulation, Biological therapeutic, Peptide
<b>Last Change Date</b>	15-May-2014

**ready-to-dilute pemetrexed (iv, non-small cell lung cancer/mesothelioma), Eagle Pharmaceuticals**

<b>Drug Name</b>	ready-to-dilute pemetrexed (iv, non-small cell lung cancer/mesothelioma), Eagle Pharmaceuticals
<b>Key Synonyms</b>	pemetrexed
<b>Originator Company</b>	Eagle Pharmaceuticals Inc
<b>Active Companies</b>	Eagle Pharmaceuticals Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Metastatic non small cell lung cancer, Mesothelioma
<b>Target-based Actions</b>	Thymidylate synthase inhibitor, DHFR inhibitor, Transferase inhibitor
<b>Other Actions</b>	Anticancer antimetabolite
<b>Technologies</b>	Intravenous formulation, Infusion, Small molecule therapeutic
<b>Last Change Date</b>	09-Apr-2014

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