

## Epizyme Inc

### COMPANY AND PIPELINE OVERVIEW REPORT

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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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

## COMPANY OVERVIEW

Company Name	Epizyme Inc
Parent Company Name	Epizyme Inc
Website	<a href="http://www.epizyme.com/">http://www.epizyme.com/</a>
Country	US
Number of Drugs in Active Development	3
Number of Inactive Drugs	0
Number of Patents as Owner	8
Number of Patents as Third Party	3
Number of Deals	6
Key Indications	Cancer,Leukemia,Neurological disease,Acute lymphoblastic leukemia,Acute myelogenous leukemia,Asthma,Atherosclerosis,Diabetes mellitus,Diffuse large B-cell lymphoma,Follicle center lymphoma,Hematological neoplasm,Hypercholesterolemia,Hyperinsulinemia,Hyperlipidemia,Inflammatory bowel disease,Insulin dependent diabetes,Insulin resistance,Lipid metabolism disorder,Multiple sclerosis,Myocarditis,Obesity,Psoriasis,Rheumatoid arthritis,Syndrome
Key Target-based Actions	Methyltransferase inhibitor,Enhancer of zeste homolog 2 inhibitor,Histone lysine methyltransferase inhibitor,DOT1L gene inhibitor,WHSC1 gene inhibitor,Histone H3 K79 methyltransferase inhibitor,AMP activated protein kinase modulator,Beta adrenoceptor modulator,CLK4 protein kinase inhibitor,Flt3 tyrosine kinase inhibitor,JMJD1A gene modulator,PCSK9 gene inhibitor,PDGF receptor alpha antagonist,PPAR alpha modulator,PPAR gamma coactivator 1-alpha modulator,Proprotein convertase PC9 inhibitor,Ros1 tyrosine kinase receptor inhibitor,TrkA receptor antagonist,TrkC
Key Technologies	Small molecule therapeutic,Systemic formulation unspecified,Drug screening,Antibody,Drug combination,Gene transfer system,Genetic screening,Humanized antibody,Immunodetection,Immunofluorescence,Intravenous formulation,Liposome formulation,Oligonucleotide,PCR based

## COMPANY PROFILE

### SUMMARY

Epizyme Inc was established in 2007 and is focused on the development of drugs based on epigenetics.

### FINANCIAL

In February 2008, the company raised \$14 million from a series A financing round.

In October 2009, the company raised \$32 million in a series B financing round. In December 2009, the company raised a further \$8 million from a second closing of the series B financing round, bringing the total raised to \$40 million.

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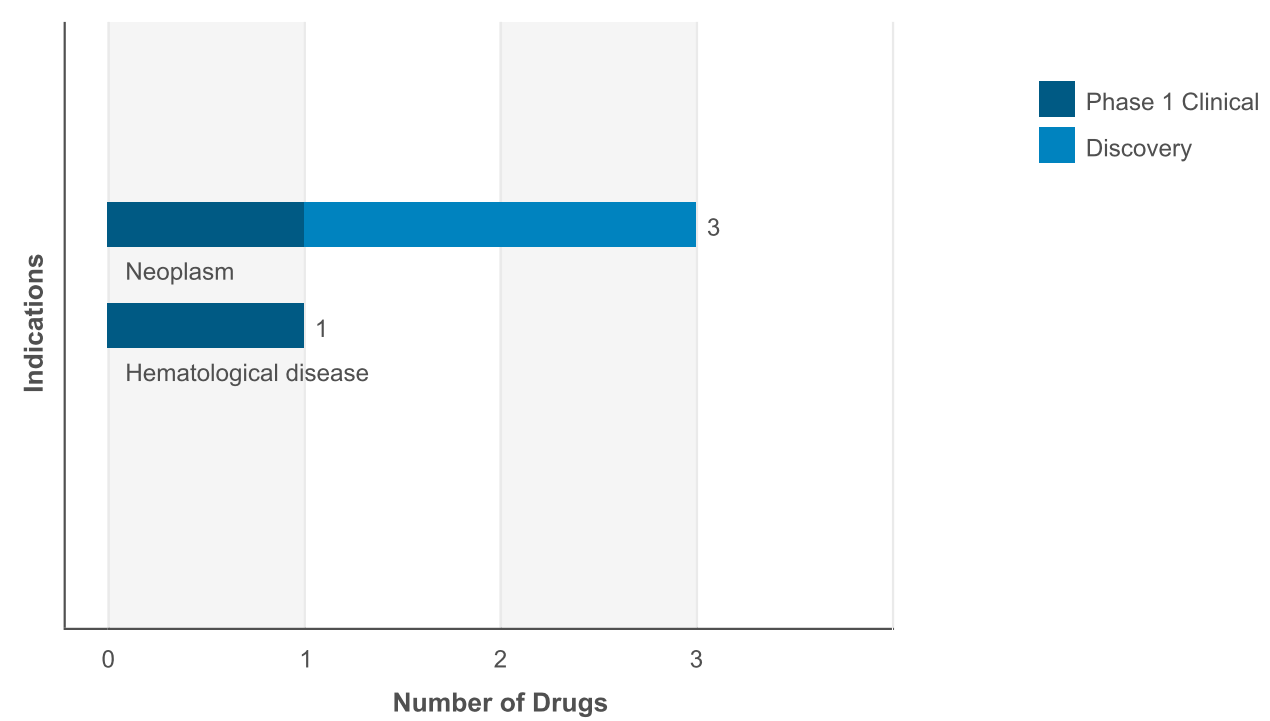


PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



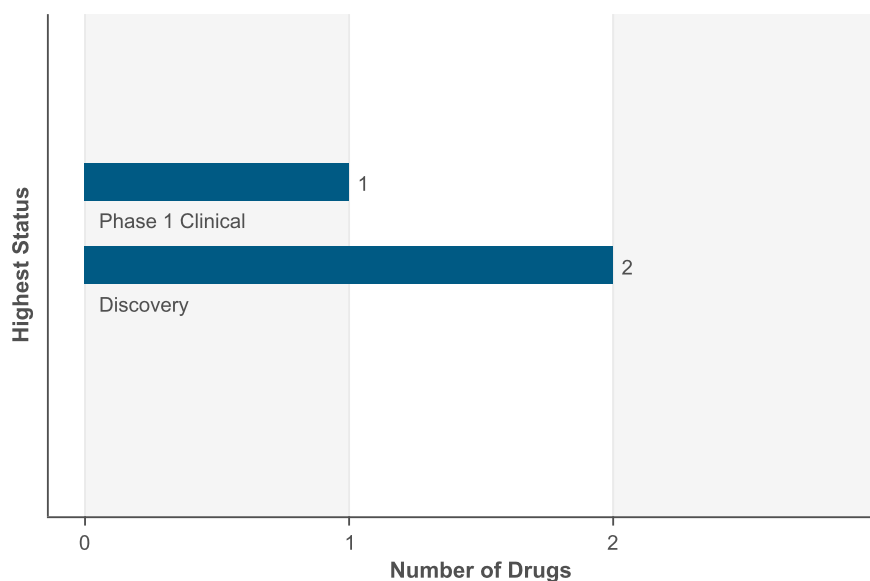
Drugs by Indication Table

Indication	Active	Inactive	Total
Neoplasm	3	0	3
Hematological 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 1 Clinical	1
Discovery	2

## DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drug - Funding	2	0	0	0	2
Drug - Development/Commercialization License	3	0	0	0	3
Drug - Development Services	0	0	1	0	1

## CLINICAL TRIALS

Trials by Condition Studied

Condition Studied	Ongoing	All
Neoplasm	1	1
Hematological disease	1	1

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## Trials by Phase

Phase	Ongoing	All
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
Immune disorder	1	1	2
Neoplasm	8	1	9
Ocular disease	0	1	1
Metabolic disorder	0	3	3
Neurological disease	3	1	4
Cardiovascular disease	0	3	3
Endocrine disease	0	2	2
Dermatological disease	0	1	1
Gastrointestinal disease	0	2	2
Hematological disease	2	0	2
Musculoskeletal disease	0	1	1
Nutritional disorder	0	1	1
Respiratory disease	0	1	1
Inflammatory disease	0	1	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

### EPZ-5676

<b>Drug Name</b>	EPZ-5676
<b>Key Synonyms</b>	
<b>Originator Company</b>	Epizyme Inc
<b>Active Companies</b>	Celgene Corp, Epizyme Inc
<b>Inactive Companies</b>	GlaxoSmithKline plc
<b>Highest Status</b>	Phase 1 Clinical
<b>Active Indications</b>	Leukemia
<b>Target-based Actions</b>	Methyltransferase inhibitor, DOT1L gene inhibitor
<b>Other Actions</b>	Anticancer
<b>Technologies</b>	Systemic formulation unspecified, Small molecule therapeutic
<b>Last Change Date</b>	31-Dec-2012

### histone methyltransferase inhibitors (cancer), Epizyme/GlaxoSmithKline

<b>Drug Name</b>	histone methyltransferase inhibitors (cancer), Epizyme/GlaxoSmithKline
<b>Key Synonyms</b>	
<b>Originator Company</b>	Epizyme Inc
<b>Active Companies</b>	GlaxoSmithKline plc, Epizyme Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Cancer
<b>Target-based Actions</b>	Methyltransferase inhibitor, WHSC1 gene inhibitor
<b>Other Actions</b>	Anticancer
<b>Technologies</b>	Small molecule therapeutic
<b>Last Change Date</b>	28-Apr-2012

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**E-7438**

<b>Drug Name</b>	E-7438
<b>Key Synonyms</b>	
<b>Originator Company</b>	Epizyme Inc
<b>Active Companies</b>	Eisai Co Ltd, Epizyme Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Cancer
<b>Target-based Actions</b>	Enhancer of zeste homolog 2 inhibitor, Histone lysine methyltransferase inhibitor
<b>Other Actions</b>	Anticancer
<b>Technologies</b>	Small molecule therapeutic
<b>Last Change Date</b>	19-Dec-2012

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