

## Enanta 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

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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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

## COMPANY OVERVIEW

Company Name	Enanta Pharmaceuticals Inc
Parent Company Name	Enanta Pharmaceuticals Inc
Website	http://www.enanta.com/
Country	US
Number of Drugs in Active Development	9
Number of Inactive Drugs	5
Number of Patents as Owner	159
Number of Patents as Third Party	0
Number of Deals	5
Key Indications	Hepatitis C virus infection,Bacterial infection,Gram positive bacterium infection,Bacterial respiratory tract infection,Neisseria gonorrhoeae infection,Hepatitis B virus infection,HIV infection,Inflammatory disease,Cystic
Key Target-based Actions	Hepatitis C virus protein NS5A inhibitor,Hepatitis C virus NS3 protease inhibitor,Hepatitis C virus NS5B polymerase inhibitor,Peptidylprolyl isomerase inhibitor,Hepatitis C virus protease inhibitor,Flavivirus NS3 protease inhibitor,Hepatitis C virus NS2-NS3 protease inhibitor
Key Technologies	Small molecule therapeutic,Antibiotic,Oral formulation,Prodrug,Intravenous formulation,Dermatological formulation,Inhalant formulation,Antibiotic resistance,Local formulation unspecified,Systemic formulation unspecified

## COMPANY PROFILE

### SUMMARY

Enanta Pharmaceuticals is a drug discovery company specializing in the development of small molecule anti-infective agents, especially macrolide and ketolide antibiotics.

### LICENSING AGREEMENTS

In March 2003, Enanta received a milestone payment from Chiron for the completion of the first phase of Enanta's research for the discovery and development of small molecule HCV therapeutics. In September 2002, Enanta signed an exclusive, joint collaboration with Chiron for the discovery and development of small molecule HCV therapeutics. Enanta was to apply its macrocyclic chemistry and medicinal chemistry expertise to design and synthesize of compounds targeting enzymes involved in the replication of the virus. Chiron gave Enanta a non-exclusive license to its HCV patents and Enanta gave Chiron an exclusive worldwide license to compounds that were developed . Enanta was also to receive research funding, milestone payments and royalties, while Chiron was to be responsible for preclinical and clinical development, manufacturing and sales and marketing.

### FINANCIAL

In June 2013, Enanta was added to the Russell 3000 and 2000 indexes.

In March 2013, Enanta announced the pricing of its initial public offering of 4 million common stock shares at a price of US \$14 each. The shares traded on the NASDAQ Global Select Market under the symbol 'ENTA'. The underwriters were granted a 30-day option to buy up to an additional 0.6 million common stock shares to cover over-allotments. The offering was expected to close on March 26, 2013; later that month, the offering was closed.

In November 2012, Enanta filed a registration statement with the U.S. Securities and Exchange Commission for proposed initial public offering of its common stock.

In August 2004, Enanta raised \$20 million in new financing, including contributions from Shionogi & Co Ltd, in order to advance its bridged bicyclic ketolide, EP-013420, into phase I trials, and to progress the company's discovery-stage anti-infective programs.

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In January 2004, Enanta raised \$12 million in financing to advance its lead macrolide antibiotic program into clinical trials.

In June 2002, raised \$18 million in a private financing.

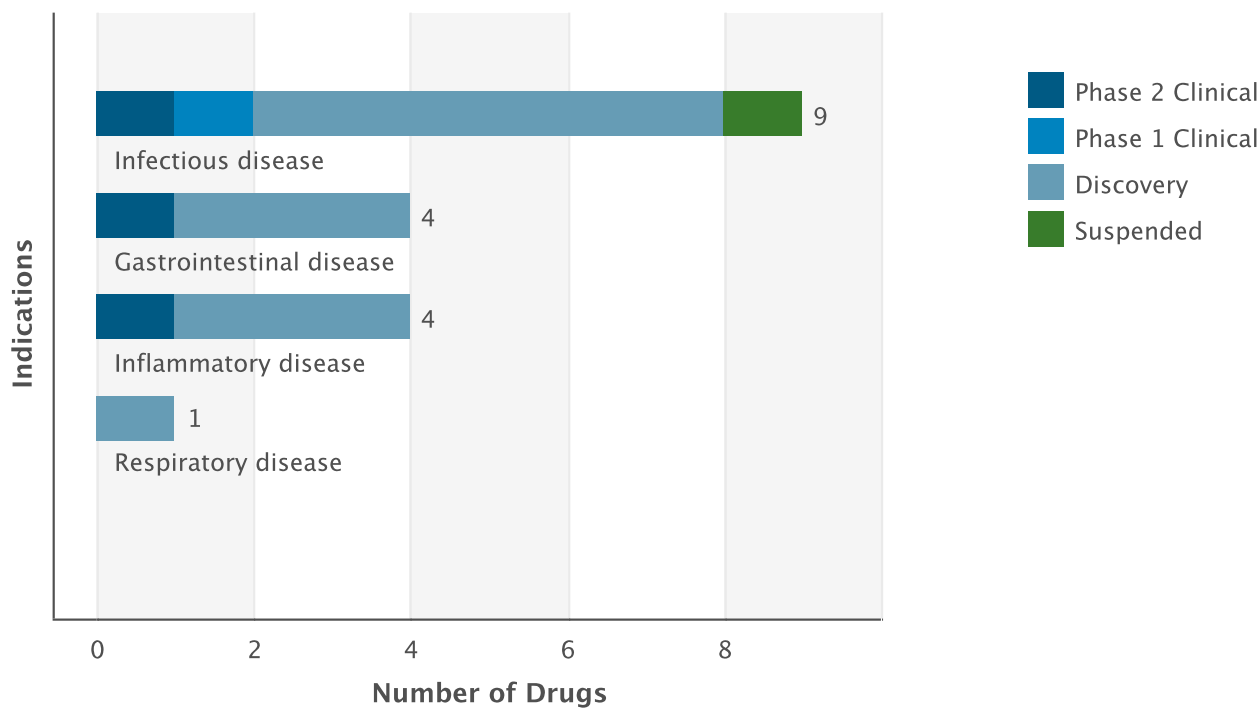
In 1999, Enanta raised \$5.1 million of equity financing and in July 2000, received \$20 million in a second round of private financing.

PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



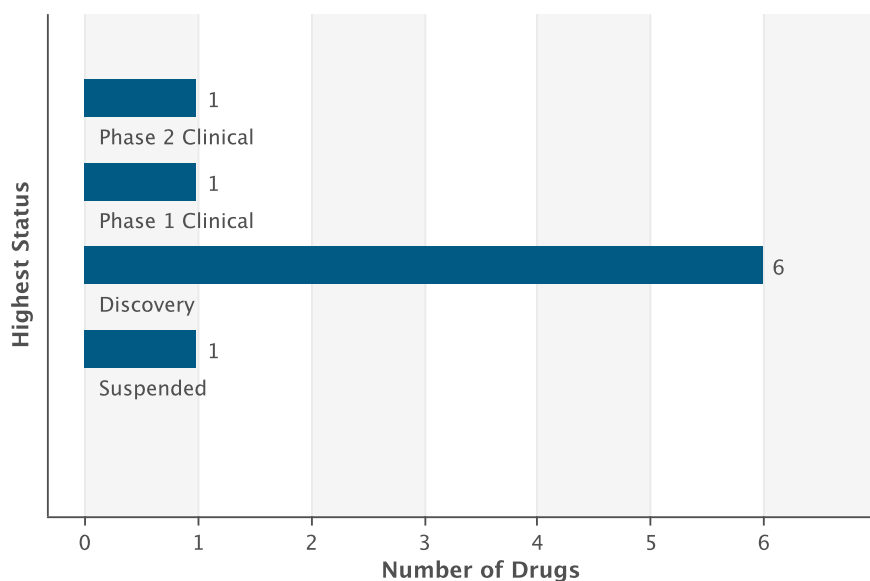
Drugs by Indication Table

Indication	Active	Inactive	Total
Infectious disease	9	4	13
Gastrointestinal disease	4	3	7
Inflammatory disease	4	3	7
Respiratory disease	1	2	3
Immune disorder	0	1	1
Dermatological disease	0	1	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 2 Clinical	1
Phase 1 Clinical	1
Discovery	6
Suspended	1
Discontinued	3
No Development Reported	2

## DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drug - Funding	1	0	0	0	1
Drug - Development/Commercialization License	3	0	1	0	4

## CLINICAL TRIALS

Trials by Condition Studied

Condition Studied	Ongoing	All
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## Trials by Condition Studied

Condition Studied	Ongoing	All
Infectious disease	0	8
Respiratory disease	0	4
Gastrointestinal disease	0	2
Inflammatory disease	0	2
Dermatological disease	0	1

## Trials by Phase

Phase	Ongoing	All
Phase 2	0	3
Phase 1	1	8

## 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	3	0	3
Endocrine disease	2	0	2
Gastrointestinal disease	119	0	119
Genitourinary disease	1	0	1
Growth disorder	2	0	2
Degeneration	2	0	2
Immune disorder	14	0	14
Musculoskeletal disease	9	0	9
Neoplasm	4	0	4
Ocular disease	3	0	3

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Metabolic disorder	3	0	3
Mouth disease	2	0	2
Neurological disease	2	0	2
Respiratory disease	38	0	38
Infectious disease	150	0	150
Inflammatory disease	122	0	122
Otorhinolaryngological disease	8	0	8
Gynecology and obstetrics	2	0	2
Temperature disorder	1	0	1
Dermatological disease	11	0	11
Ulcer	2	0	2
Surgical procedure	3	0	3

\* 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

### ABT-493

<b>Drug Name</b>	ABT-493
<b>Key Synonyms</b>	
<b>Originator Company</b>	AbbVie Inc
<b>Active Companies</b>	AbbVie Inc, Enanta Pharmaceuticals Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Phase 2 Clinical
<b>Active Indications</b>	Hepatitis C virus infection
<b>Target-based Actions</b>	Hepatitis C virus protease inhibitor
<b>Other Actions</b>	
<b>Technologies</b>	Systemic formulation unspecified, Small molecule therapeutic
<b>Last Change Date</b>	01-Feb-2014

### EDP-788 (oral prodrug, bacterial infections), Enanta

<b>Drug Name</b>	EDP-788 (oral prodrug, bacterial infections), Enanta
<b>Key Synonyms</b>	
<b>Originator Company</b>	Enanta Pharmaceuticals Inc
<b>Active Companies</b>	Enanta Pharmaceuticals Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Phase 1 Clinical
<b>Active Indications</b>	Bacterial infection
<b>Target-based Actions</b>	
<b>Other Actions</b>	Macrolide antibiotic
<b>Technologies</b>	Prodrug, Oral formulation, Antibiotic, Small molecule therapeutic
<b>Last Change Date</b>	15-Jan-2014

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## modithromycin

<b>Drug Name</b>	modithromycin
<b>Key Synonyms</b>	modithromycin
<b>Originator Company</b>	Enanta Pharmaceuticals Inc
<b>Active Companies</b>	Enanta Pharmaceuticals Inc
<b>Inactive Companies</b>	Shionogi & Co Ltd
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Neisseria gonorrhoeae infection
<b>Target-based Actions</b>	
<b>Other Actions</b>	Macrolide antibiotic
<b>Technologies</b>	Oral formulation, Small molecule therapeutic
<b>Last Change Date</b>	18-Sep-2012

## HCV polymerase inhibitors, Enanta

<b>Drug Name</b>	HCV polymerase inhibitors, Enanta
<b>Key Synonyms</b>	
<b>Originator Company</b>	Enanta Pharmaceuticals Inc
<b>Active Companies</b>	Enanta Pharmaceuticals Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Hepatitis C virus infection
<b>Target-based Actions</b>	Hepatitis C virus NS5B polymerase inhibitor
<b>Other Actions</b>	
<b>Technologies</b>	Small molecule therapeutic
<b>Last Change Date</b>	18-Feb-2014

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### HCV cyclophilin binders/replication inhibitors, Enanta

<b>Drug Name</b>	HCV cyclophilin binders/replication inhibitors, Enanta
<b>Key Synonyms</b>	
<b>Originator Company</b>	Enanta Pharmaceuticals Inc
<b>Active Companies</b>	Enanta Pharmaceuticals Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Hepatitis C virus infection
<b>Target-based Actions</b>	Peptidylprolyl isomerase inhibitor
<b>Other Actions</b>	Hepatitis C virus replication inhibitor
<b>Technologies</b>	Small molecule therapeutic
<b>Last Change Date</b>	18-Feb-2014

### bicyclolide antibiotics (respiratory tract infection), Enanta

<b>Drug Name</b>	bicyclolide antibiotics (respiratory tract infection), Enanta
<b>Key Synonyms</b>	
<b>Originator Company</b>	Enanta Pharmaceuticals Inc
<b>Active Companies</b>	Enanta Pharmaceuticals Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Bacterial respiratory tract infection
<b>Target-based Actions</b>	
<b>Other Actions</b>	Macrolide antibiotic
<b>Technologies</b>	Antibiotic, Small molecule therapeutic
<b>Last Change Date</b>	31-Oct-2012

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### EDP-788 (iv prodrug, bacterial infections), Enanta Pharmaceuticals

<b>Drug Name</b>	EDP-788 (iv prodrug, bacterial infections), Enanta Pharmaceuticals
<b>Key Synonyms</b>	
<b>Originator Company</b>	Enanta Pharmaceuticals Inc
<b>Active Companies</b>	Enanta Pharmaceuticals Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Bacterial infection
<b>Target-based Actions</b>	
<b>Other Actions</b>	Macrolide antibiotic
<b>Technologies</b>	Prodrug, Intravenous formulation, Antibiotic, Small molecule therapeutic
<b>Last Change Date</b>	12-Feb-2013

### NS5B nucleotide polymerase inhibitors (HCV infection), Enanta

<b>Drug Name</b>	NS5B nucleotide polymerase inhibitors (HCV infection), Enanta
<b>Key Synonyms</b>	
<b>Originator Company</b>	Enanta Pharmaceuticals Inc
<b>Active Companies</b>	Enanta Pharmaceuticals Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Hepatitis C virus infection
<b>Target-based Actions</b>	Hepatitis C virus NS5B polymerase inhibitor
<b>Other Actions</b>	
<b>Technologies</b>	Small molecule therapeutic
<b>Last Change Date</b>	16-Jan-2014

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EDP-322

Drug Name	EDP-322
Key Synonyms	
Originator Company	Enanta Pharmaceuticals Inc
Active Companies	Enanta Pharmaceuticals Inc
Inactive Companies	
Highest Status	Suspended
Active Indications	Gram positive bacterium infection
Target-based Actions	
Other Actions	Macrolide antibiotic
Technologies	Oral formulation, Antibiotic, Small molecule therapeutic
Last Change Date	31-Oct-2012

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