

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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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

## COMPANY OVERVIEW

<b>Company Name</b>	Adamas Pharmaceuticals Inc
<b>Parent Company Name</b>	Adamas Pharmaceuticals Inc
<b>Website</b>	<a href="http://www.adamaspharma.com/">http://www.adamaspharma.com/</a>
<b>Country</b>	US
<b>Number of Drugs in Active Development</b>	4
<b>Number of Inactive Drugs</b>	3
<b>Number of Patents as Owner</b>	7
<b>Number of Patents as Third Party</b>	0
<b>Number of Deals</b>	2
<b>Key Indications</b>	Influenza virus infection,Dementia,Fatigue,Parkinsons disease,Viral infection,Traumatic brain injury,Alzheimers disease,Brain injury,Glaucoma,HIV associated dementia,Hepatitis C virus infection,Movement disorder,Neuropathic pain,Respiratory syncytial virus infection,Sleep disorder
<b>Key Target-based Actions</b>	Inosine monophosphate dehydrogenase inhibitor,NMDA receptor antagonist,Exo-alpha sialidase inhibitor,Influenza matrix protein 2 inhibitor,Acetylcholinesterase inhibitor,Folate antagonist,Cholinesterase inhibitor,Muscarinic M2 receptor antagonist,RNA polymerase inhibitor
<b>Key Technologies</b>	Small molecule therapeutic,Drug combination,Oral formulation,Capsule formulation,Sustained release formulation,Oral sustained release formulation,Intravenous formulation,Systemic formulation unspecified,Oral quick release formulation,Film coating,Granule,Oral controlled release formulation,Pellet,Tablet formulation

## COMPANY PROFILE

### SUMMARY

Adamas Pharmaceuticals, headquartered in Emeryville, CA, was founded in 2004 and is focused on the development of controlled release, novel small molecule therapeutics called advantaged therapeutics for neurological like Alzheimer's diseases and dementia and infectious diseases like influenza.

### FINANCIAL

In August 2009, the company raised \$40 million from a series D financing round.

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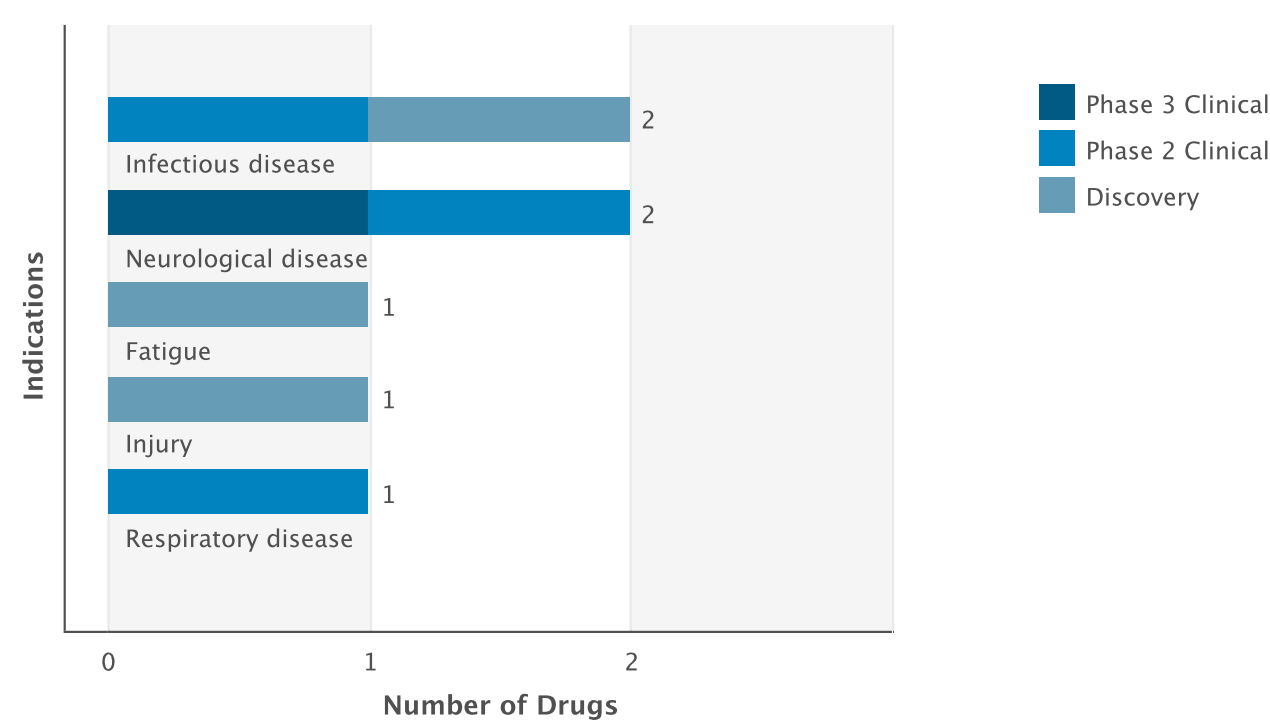


PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



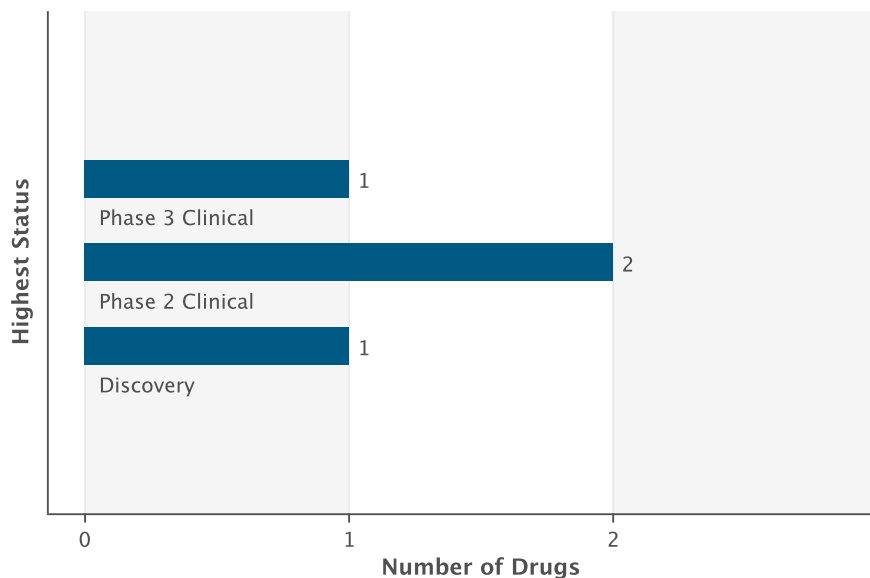
Drugs by Indication Table

Indication	Active	Inactive	Total
Neurological disease	2	2	4
Infectious disease	2	1	3
Respiratory disease	1	1	2
Fatigue	1	0	1
Injury	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
Phase 2 Clinical	2
Discovery	1
No Development Reported	3

## DEALS

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

## CLINICAL TRIALS

Trials by Condition Studied

Condition Studied	Ongoing	All
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## Trials by Condition Studied

Condition Studied	Ongoing	All
Respiratory disease	0	2
Infectious disease	0	2
Neurological disease	0	2

## Trials by Phase

Phase	Ongoing	All
Phase 3	0	1
Phase 2	0	3
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
Gastrointestinal disease	1	0	1
Degeneration	2	0	2
Immune disorder	3	0	3
Psychiatric disorder	1	0	1
Ocular disease	2	0	2
Neurological disease	8	0	8
Respiratory disease	4	0	4
Infectious disease	4	0	4
Injury	1	0	1
Inflammatory disease	1	0	1
Fatigue	1	0	1

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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.

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## PRODUCT PORTFOLIO DRUGS

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

### amantadine (extended release, Parkinson's disease/traumatic brain injury/fatigue), Adamas

<b>Drug Name</b>	amantadine (extended release, Parkinson's disease/traumatic brain injury/fatigue), Adamas
<b>Key Synonyms</b>	amantadine, Nurelin
<b>Originator Company</b>	Adamas Pharmaceuticals Inc
<b>Active Companies</b>	Adamas Pharmaceuticals Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Phase 3 Clinical
<b>Active Indications</b>	Fatigue, Parkinsons disease, Traumatic brain injury
<b>Target-based Actions</b>	
<b>Other Actions</b>	Nootropic agent, Antiparkinsonian, Neuroprotectant
<b>Technologies</b>	Oral formulation, Capsule formulation, Sustained release formulation, Small molecule therapeutic
<b>Last Change Date</b>	05-Apr-2013

### amantadine + ribavirin (oral, influenza), Adamas

<b>Drug Name</b>	amantadine + ribavirin (oral, influenza), Adamas
<b>Key Synonyms</b>	
<b>Originator Company</b>	Adamas Pharmaceuticals Inc
<b>Active Companies</b>	Adamas Pharmaceuticals Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Phase 2 Clinical
<b>Active Indications</b>	Influenza virus infection
<b>Target-based Actions</b>	Inosine monophosphate dehydrogenase inhibitor, Influenza matrix protein 2 inhibitor
<b>Other Actions</b>	Influenza A virus replication inhibitor
<b>Technologies</b>	Drug combination, Oral formulation, Small molecule therapeutic
<b>Last Change Date</b>	06-Jul-2012

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### memantine ER + donepezil (extended release formulation, dementia), Adamas/ Forest

<b>Drug Name</b>	memantine ER + donepezil (extended release formulation, dementia), Adamas/ Forest
<b>Key Synonyms</b>	Arimenda
<b>Originator Company</b>	Adamas Pharmaceuticals Inc
<b>Active Companies</b>	Adamas Pharmaceuticals Inc, Forest Laboratories Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Phase 2 Clinical
<b>Active Indications</b>	Dementia
<b>Target-based Actions</b>	NMDA receptor antagonist, Acetylcholinesterase inhibitor
<b>Other Actions</b>	Nootropic agent
<b>Technologies</b>	Drug combination, Oral formulation, Capsule formulation, Oral sustained release formulation, Small molecule therapeutic
<b>Last Change Date</b>	11-Feb-2013

### ADS-324

<b>Drug Name</b>	ADS-324
<b>Key Synonyms</b>	
<b>Originator Company</b>	Adamas Pharmaceuticals Inc
<b>Active Companies</b>	Adamas Pharmaceuticals Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Viral infection
<b>Target-based Actions</b>	Folate antagonist
<b>Other Actions</b>	Antiviral
<b>Technologies</b>	Drug combination, Small molecule therapeutic
<b>Last Change Date</b>	08-Mar-2013

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