

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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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

COMPANY OVERVIEW

Company Name	Cara Therapeutics Inc
Parent Company Name	Cara Therapeutics Inc
Website	http://www.caratherapeutics.com/
Country	US
Number of Drugs in Active Development	3
Number of Inactive Drugs	6
Number of Patents as Owner	15
Number of Patents as Third Party	1
Number of Deals	7
Key Indications	Pain, Neuropathic pain, Inflammatory disease, Pruritus, Neurodegenerative disease, Adhesive capsulitis, Age related macular degeneration, Allergy, Autism, Bone disease, Brain injury, Bursitis, Cancer, Cardiovascular disease, Central nervous system disease, Congestive heart failure, Depression, Dermatological disease, Diabetes mellitus, Gastrointestinal injury, Glaucoma, Hypokalemia, Ileus, Inflammatory bowel disease, Intestine disease, Intestine infection, Intestine tumor, Ischemia, Lateral epicondylitis, Liver cirrhosis, Nutritional disorder, Obesity, Ocular
Key Target-based Actions	Opioid receptor kappa agonist, Unspecified GPCR modulator, Cannabinoid CB2 receptor agonist, Cannabinoid CB1 receptor agonist, Cannabinoid CB2 receptor modulator, Cannabinoid CB1 receptor modulator, G-protein coupled receptor-44 antagonist, Glucagon-like peptide 2 agonist
Key Technologies	Small molecule therapeutic, Peptide, Biological therapeutic, Oral formulation, Capsule formulation, Enteric coated formulation, Infusion, Intravenous formulation, Oral sustained release formulation, Subcutaneous formulation, Sustained release formulation, Tablet

COMPANY PROFILE

SUMMARY

Cara Therapeutics is a privately held company focused on developing therapeutics for pain and inflammation.

LICENSING AGREEMENTS

In March 2006, Tripos (through its Tripos Discovery research arm) agreed to use its computational and medicinal chemistry expertise to support Cara's pain and inflammation drug programs.

FINANCIAL

In November 2013, Cara planned to offer its common stock in an IPO.

In July 2010, Cara raised \$15 million from a series D financing round.

In November 2006, Cara raised \$19 million from the first tranche of a \$24 million series C financing round; the company closed the second tranche of \$5 million in February 2007. In July 2008, Cara raised \$12.3 million in third tranche of the series C financing round.

EARLY R&D/TECHNOLOGY NEWS

Cara's proprietary DimerScreen technology is designed to specifically and selectively identify molecules interacting with GPCR dimers and allows for the discovery of compounds with new pharmacological properties at identified dimeric drug targets.

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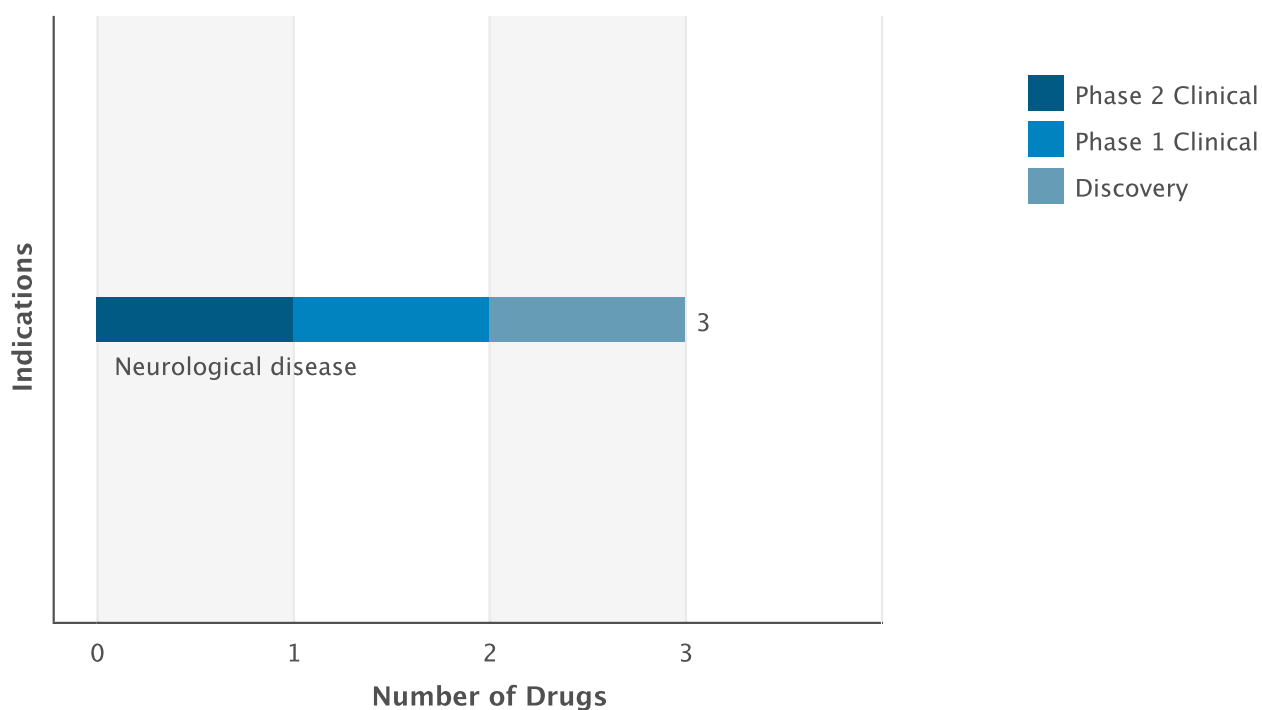


PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



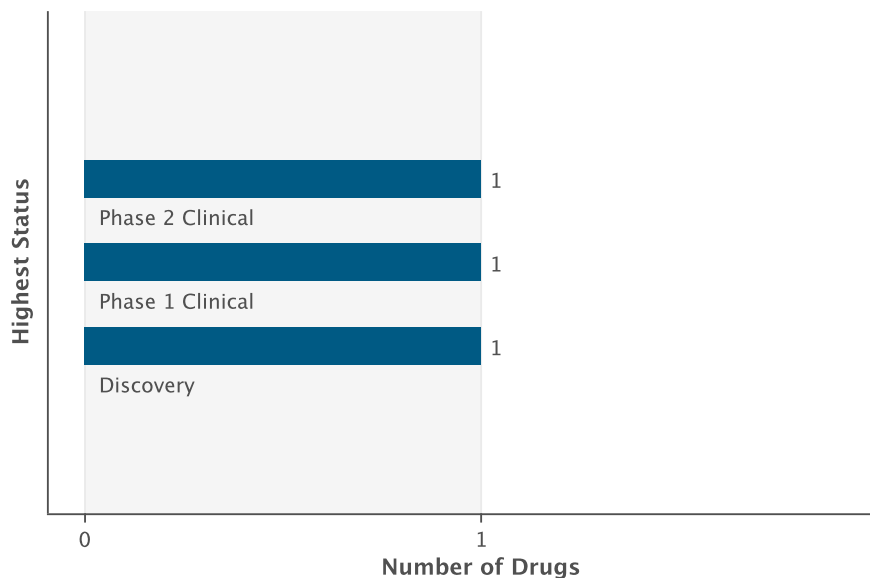
Drugs by Indication Table

Indication	Active	Inactive	Total
Neurological disease	3	5	8
Inflammatory disease	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	1
No Development Reported	6

DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drug - Early Research/Development	0	0	1	0	1
Drug - Development/Commercialization License	3	0	0	0	3
Drug - Manufacturing/Supply	0	0	1	0	1
Drug - Development Services	0	0	2	0	2

CLINICAL TRIALS

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Trials by Condition Studied

Condition Studied	Ongoing	All
Neurological disease	0	4

Trials by Phase

Phase	Ongoing	All
Phase 2	0	3
Phase 1	0	2

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	4	1	5
Endocrine disease	3	1	4
Gastrointestinal disease	7	1	8
Genitourinary disease	3	0	3
Degeneration	2	1	3
Andrology	1	0	1
Immune disorder	6	0	6
Psychiatric disorder	1	1	2
Musculoskeletal disease	6	1	7
Neoplasm	2	1	3
Ocular disease	3	0	3
Genetic disorder	0	1	1
Metabolic disorder	5	1	6
Neurological disease	14	1	15

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Nutritional disorder	1	1	2
Respiratory disease	1	0	1
Infectious disease	1	1	2
Injury	1	1	2
Inflammatory disease	11	0	11
Otorhinolaryngological disease	1	0	1
Gynecology and obstetrics	1	0	1
Dermatological disease	8	0	8

* 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

CR-845 (iv infusion, pain/ pruritus), Cara/Ferring/Maruishi/Chong Kun Dang

Drug Name	CR-845 (iv infusion, pain/ pruritus), Cara/Ferring/Maruishi/Chong Kun Dang
Key Synonyms	
Originator Company	Cara Therapeutics Inc
Active Companies	Cara Therapeutics Inc, Maruishi Pharmaceutical Co Ltd, Ferring Pharmaceuticals Inc, Chong Kun Dang Pharmaceutical Corp
Inactive Companies	
Highest Status	Phase 3 Clinical
Active Indications	Pain, Pruritus
Target-based Actions	Opioid receptor kappa agonist
Other Actions	Analgesic, Topical antipruritic product, Anti-inflammatory
Technologies	Sustained release formulation, Intravenous formulation, Infusion, Biological therapeutic, Peptide
Last Change Date	20-Dec-2013

CR-845 (oral capsule, pain), Cara/Ferring/Chong Kun Dang

Drug Name	CR-845 (oral capsule, pain), Cara/Ferring/Chong Kun Dang
Key Synonyms	
Originator Company	Cara Therapeutics Inc
Active Companies	Chong Kun Dang Pharmaceutical Corp, Ferring Pharmaceuticals Inc, Cara Therapeutics Inc
Inactive Companies	
Highest Status	Phase 1 Clinical
Active Indications	Pain
Target-based Actions	Opioid receptor kappa agonist
Other Actions	Analgesic
Technologies	Oral formulation, Capsule formulation, Enteric coated formulation, Tablet formulation, Oral sustained release formulation, Biological therapeutic, Peptide
Last Change Date	30-Oct-2013

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CR-701

Drug Name	CR-701
Key Synonyms	
Originator Company	Cara Therapeutics Inc
Active Companies	Cara Therapeutics Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Neuropathic pain, Pain
Target-based Actions	Cannabinoid CB2 receptor agonist, Cannabinoid CB1 receptor agonist
Other Actions	Analgesic, Anti-inflammatory
Technologies	Oral formulation, Small molecule therapeutic
Last Change Date	28-Nov-2013

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