

Ocular Therapeutix Inc

CORTELLIS COMPANY DETAILED PIPELINE REPORT

A comprehensive coverage of the the company's drug pipeline portfolio including detailed product records.

Publication Date: 02-May-2015

THOMSON REUTERS

3 Times Square
New York, New York 10036
United States

Tel: +1 646 223 4000

thomsonreuters.com

[Return to Table of Contents](#)

ABOUT CORTELLIS COMPANY DETAILED PIPELINE REPORT

Thomson Reuters provides the knowledge, tools, and expertise to help support drug discovery and development activities, IP portfolio optimization, identification of licensing and partnering opportunities, delivery of successful regulatory submissions, and the ability to keep current with the rapidly-changing pharmaceutical and chemical markets, supporting informed, early decisions.

This report was created by Thomson Reuters, using information from *Thomson Reuters Cortellis™ for Competitive Intelligence*; a comprehensive, proven intelligence solution that leverages the most accurate, complete, and widely respected drug pipeline information. From drug discovery and development activities to patent reports, the latest deals, and partnering opportunities, *Cortellis* can provide the confidence to make the most informed business decisions, faster. *Cortellis for Competitive Intelligence* provides accurate and validated information on pharmaceutical and biotechnology companies globally, their drug pipelines, deals, patents, and clinical trials, plus breaking industry news and conference coverage. All contained in one simple, highly intuitive research platform.

Cortellis Company Detailed Pipeline reports are the second in a series of that track pharmaceutical and biotechnology companies worldwide. All *Cortellis for Competitive Intelligence* content is subject to the most comprehensive editorial review process available, conducted by scientists, pharma professionals, regulatory experts, and generics specialists. Featuring timely drug pipeline information expertly uncovered and integrated from over 400 global meetings each year, you'll always be on top of the latest developments.

Chosen by leading life sciences companies, their executives and investors, *Cortellis for Competitive Intelligence* accelerates your deal-making and gives you timely insights on the development landscape.

Discover undiscovered opportunities in drug development and licensing faster with *Thomson Reuters Cortellis™ for Competitive Intelligence*

DISCLAIMER

The information contained in this report is based on sources believed to be correct but Thomson Reuters does not guarantee the accuracy, timeliness, or completeness of this information. Opinions, if any, are those held by the author of any individual report or article at the time of initial publication and do not necessarily reflect the views of Thomson Reuters.

Information in this report on companies is intended for reference use only, and does not constitute a recommendation to buy or sell any particular security or other investment and does not constitute an offer to buy from or sell to any particular investor. Any company or securities mentioned in this report may not be suitable for any particular investor, depending on that investor's financial position and needs.

[Return to Table of Contents](#)



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.

[Return to Table of Contents](#)



TABLE OF CONTENTS

Company Overview..... 5

Company Profile..... 6

Product Portfolio Summary..... 6

Product Portfolio Drug Pipeline Detail..... 9

 Phase 3 Clinical..... 10

 Phase 2 Clinical..... 16

 Phase 1 Clinical..... 22

 Discovery..... 26

[Return to Table of Contents](#)

Ocular Therapeutix Inc

COMPANY OVERVIEW

| | |
|---------------------------------------|--|
| Company Name | Ocular Therapeutix Inc |
| Parent Company Name | Ocular Therapeutix Inc |
| Website | http://www.ocutx.com/ |
| Country | US |
| Number of Drugs in Active Development | 4 |
| Number of Inactive Drugs | 2 |
| Number of Patents as Owner | 1 |
| Number of Patents as Third Party | 0 |
| Number of Deals | 0 |
| Key Indications | Glaucoma, Conjunctivitis, Ocular inflammation, Allergic conjunctivitis, Ocular pain, Retinopathy, Xerophthalmia, Angle closure glaucoma, Ocular hypertension, Ocular infection, Open angle glaucoma |
| Key Target-based Actions | Calcineurin inhibitor, DNA gyrase inhibitor, Glucocorticoid agonist, Prostanoid receptor agonist, Topoisomerase IV inhibitor, VEGF receptor antagonist |
| Key Technologies | Sustained release formulation, Small molecule therapeutic, Ophthalmic gel formulation, Drug implant, Microparticle formulation, Ophthalmic formulation, PEGylated formulation, Peptide, Antibiotic, Biological therapeutic, Lipid, Ophthalmic drug implant |

COMPANY PROFILE

SUMMARY

Ocular Therapeutix Inc (formerly I-Therapeutix), founded in November 2006, aims to develop and commercialize ophthalmic therapeutic products and ocular drug delivery vehicles using its hydrogel technology. In September 2009, I-Therapeutix changed its name to Ocular Therapeutix.

FINANCIAL

In July 2014, Ocular priced an IPO of 5 million shares at \$13 per share. Underwriters were granted an overallotment option to purchase up to 0.75 million additional shares. Shares were expected to be traded on the NASDAQ Global Market under the ticker symbol 'OCUL' on July 25, 2014. In August 2014, the company raised gross and net proceeds of approximately \$74.8 and \$66.5 million, respectively through the IPO of 5.75 million shares including the full exercise of the over-allotment option.

In June 2013, Ocula secured additional financing.

In January 2013, Ocular raised \$23.8 million from a series D extension round of financing.

In February 2011, Ocular raised \$14 million from a series D financing round.

[Return to Table of Contents](#)

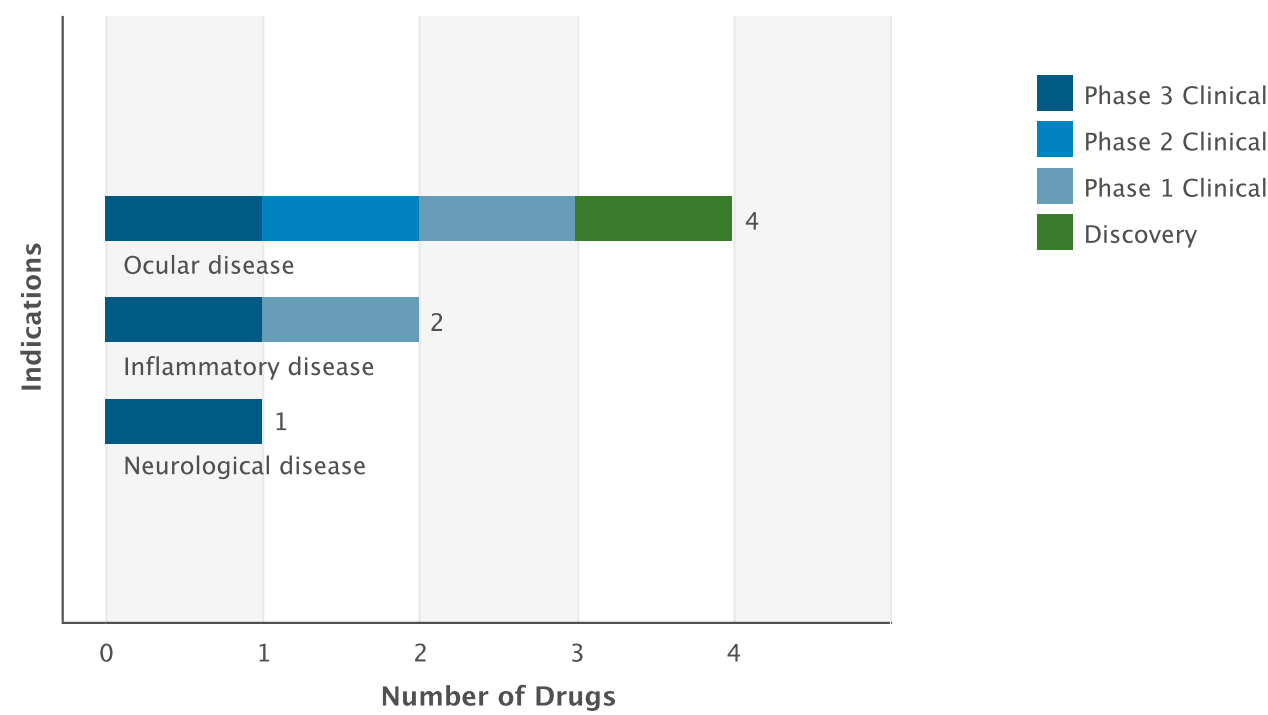


PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



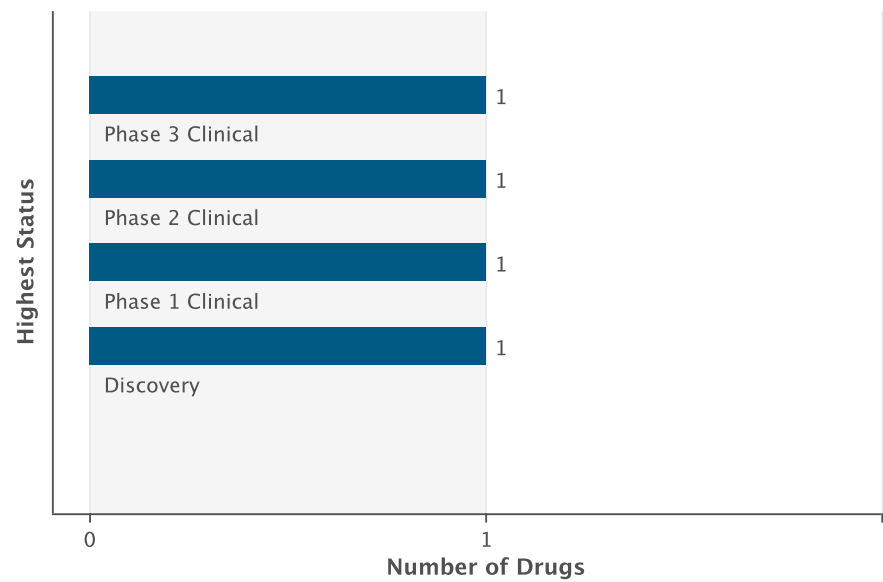
Drugs by Indication Table

| Indication | Active | Inactive | Total |
|----------------------|--------|----------|-------|
| Ocular disease | 4 | 1 | 5 |
| Inflammatory disease | 2 | 0 | 2 |
| Neurological disease | 1 | 0 | 1 |
| Immune disorder | 0 | 1 | 1 |

[Return to Table of Contents](#)

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 | 1 |
| Phase 1 Clinical | 1 |
| Discovery | 1 |
| No Development Reported | 2 |

CLINICAL TRIALS

Trials by Condition Studied

| Condition Studied | Ongoing | All |
|----------------------|---------|-----|
| Ocular disease | 1 | 15 |
| Inflammatory disease | 0 | 5 |
| Neurological disease | 0 | 3 |
| Infectious disease | 0 | 1 |
| Surgical procedure | 0 | 1 |

[Return to Table of Contents](#)

Trials by Phase

| Phase | Ongoing | All |
|---------------------|---------|-----|
| Phase 3 | 0 | 2 |
| Phase 2 | 1 | 6 |
| Phase 1 | 0 | 1 |
| Phase not specified | 0 | 6 |

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 |
|----------------------|----------|----------------|-------|
| Ocular disease | 2 | 0 | 2 |
| Infectious disease | 1 | 0 | 1 |
| Inflammatory 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.

[Return to Table of Contents](#)



PRODUCT PORTFOLIO DRUG PIPELINE DETAIL

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

dexamethasone (punctum plug, ocular inflammation), Ocular Therapeutix

dexamethasone (punctum plug, ocular inflammation), Ocular Therapeutix SNAPSHOT

| | |
|-----------------------------|---|
| Drug Name | dexamethasone (punctum plug, ocular inflammation), Ocular Therapeutix |
| Key Synonyms | dexamethasone |
| Originator Company | Ocular Therapeutix Inc |
| Active Companies | Ocular Therapeutix Inc |
| Inactive Companies | |
| Highest Status | Phase 3 Clinical |
| Active Indications | Xerophthalmia;Allergic conjunctivitis;Ocular inflammation;Ocular pain |
| Target-based Actions | Glucocorticoid agonist |
| Other Actions | Analgesic;Steroidal anti-inflammatory;Anti-inflammatory;Ophthalmological corticosteroid |
| Technologies | Ophthalmic formulation;Ophthalmic drug implant;Small molecule therapeutic;Sustained release formulation |
| Last Change Date | 16-Apr-2015 |

dexamethasone (punctum plug, ocular inflammation), Ocular Therapeutix DEVELOPMENT PROFILE

SUMMARY

Ocular Therapeutix is developing OTX-DP, a one-time, sustained-release, dexamethasone-loaded hydrogel punctum plug, for the potential intracanalicular treatment of post-operative ocular inflammation and pain, allergic conjunctivitis and dry eye disease (xerophthalmia),.

In March 2014, a phase III trial was initiated for post-operative inflammation and pain ; later that month, a second phase III trial was initiated ; in March 2015, positive topline data from the first trial were reported ; in April 2015, topline data showed that the second trial met one of its two primary endpoints. At that time, Ocular Therapeutix planned to meet with the FDA to review the data and discuss the next steps . In March 2014, a phase II/III trial for allergic conjunctivitis was initiated ; in November 2014, results were reported ; in March 2015, phase III trials in allergic conjunctivitis were to be initiated in mid-2015. In January 2015, a phase II trial began for inflammatory dry eye disease.

dexamethasone (punctum plug, ocular inflammation), Ocular Therapeutix DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

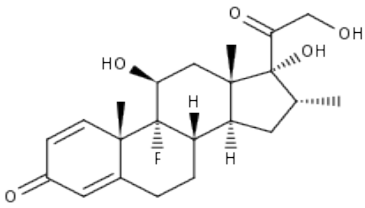
| Company | Indication | Country | Development Status | Date |
|------------------------|-------------------------|---------|--------------------|-------------|
| Ocular Therapeutix Inc | Allergic conjunctivitis | US | Phase 3 Clinical | 31-Mar-2014 |
| Ocular Therapeutix Inc | Ocular inflammation | US | Phase 3 Clinical | 17-Mar-2014 |

[Return to Table of Contents](#)



| Company | Indication | Country | Development Status | Date |
|------------------------|---------------|---------|--------------------|-------------|
| Ocular Therapeutix Inc | Ocular pain | US | Phase 3 Clinical | 17-Mar-2014 |
| Ocular Therapeutix Inc | Xerophthalmia | US | Phase 2 Clinical | 21-Jan-2015 |

dexamethasone (punctum plug, ocular inflammation), Ocular Therapeutix CHEMICAL STRUCTURES

| CAS Registry Number: | Confidence Level: |
|---|-------------------|
| 50-02-2 | 1 |
|  | |
| Name | Type |
| dexamethasone | BANN; INN |
| Surodex | Trade Name |
| Ozurdex | Trade Name |
| TLC-x99 | Research Code |
| IBI-10090 | Research Code |
| EGP-437 | Research Code |
| OTX-DP | Research Code |
| ISV-305 | Research Code |
| CD-102 | Research Code |
| OTO-104 | Research Code |
| Oncocort | |

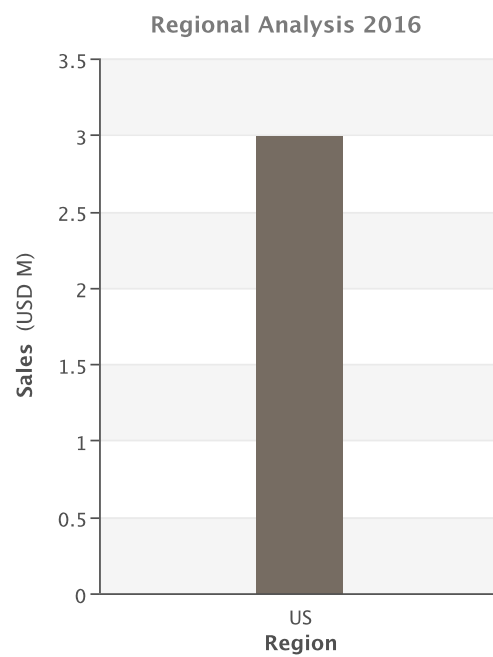
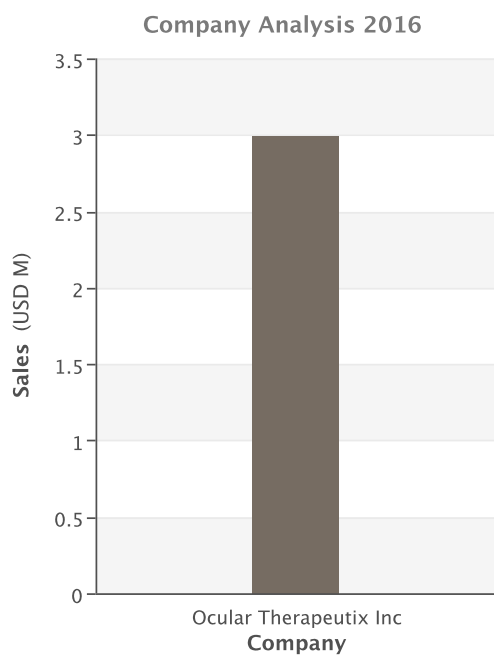
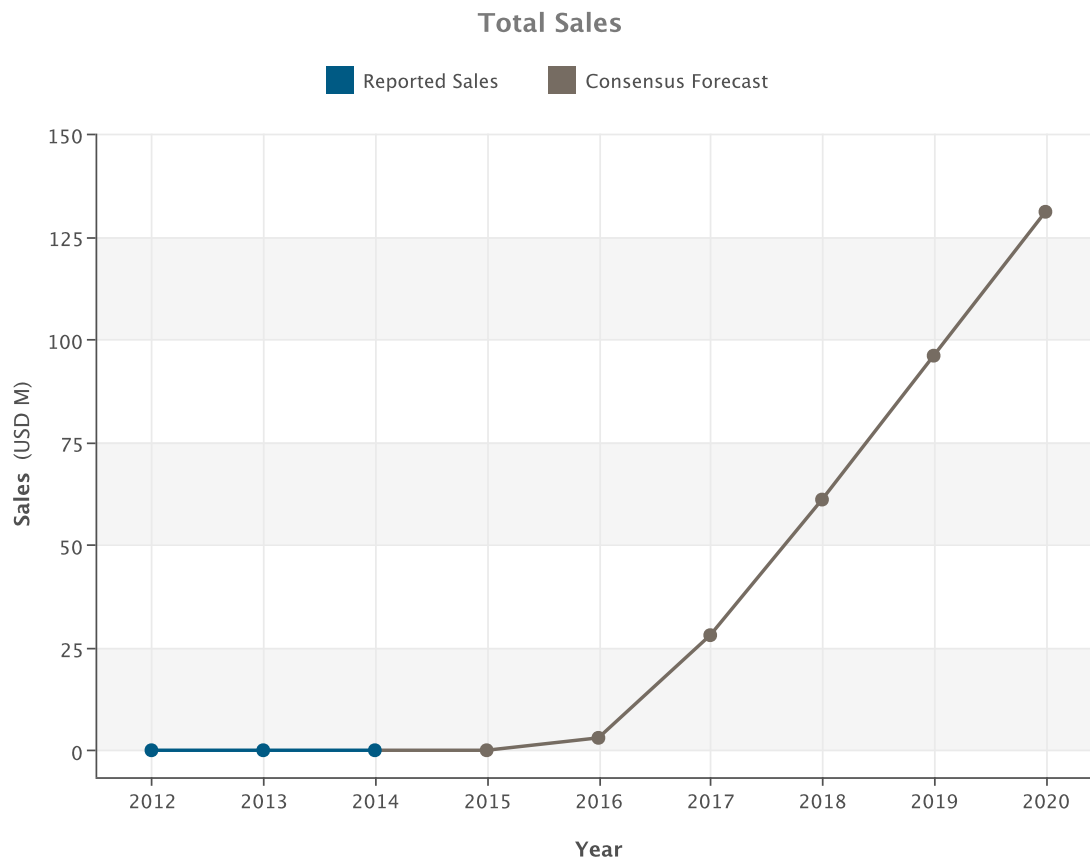
[Return to Table of Contents](#)



dexamethasone (punctum plug, ocular inflammation), Ocular Therapeutix DRUG NAMES

| Names | Type |
|--|---------------|
| dexamethasone | BANN, INN |
| OTX-DP | Research Code |
| dexamethasone (punctum plug, ocular inflammation), Ocular Therapeutix | |

dexamethasone (punctum plug, ocular inflammation), Ocular Therapeutix SALES AND CHARTS



[Return to Table of Contents](#)

COMMENTARY

CONSENSUS SALES INFORMATION

Consensus forecast data for Ocular Therapeutix are presented.

REGIONAL DEVELOPMENT AND MARKETING RIGHTS

Ocular Therapeutix holds worldwide development and marketing rights.

dexamethasone (punctum plug, ocular inflammation), Ocular Therapeutix CLINICAL TRIALS

Trials by Phase and Condition Studied

| Phase 4 Clinical | | Phase 3 Clinical | | Phase 2 Clinical | | Phase 1 Clinical | | Phase Unspecified | | Total | |
|---------------------|-----|------------------|-----|------------------|-----|------------------|-----|-------------------|-----|----------|-----|
| On-going | All | On-going | All | On-going | All | On-going | All | On-going | All | On-going | All |
| Xerophthalmia | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Ocular inflammation | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Ocular pain | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |

Total Trials by Phase and Status

| Phase 4 Clinical | | Phase 3 Clinical | | Phase 2 Clinical | | Phase 1 Clinical | | Phase Unspecified | | Total | |
|---------------------------|-----|------------------|-----|------------------|-----|------------------|-----|-------------------|-----|----------|-----|
| On-going | All | On-going | All | On-going | All | On-going | All | On-going | All | On-going | All |
| Total by Phase and Status | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 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)

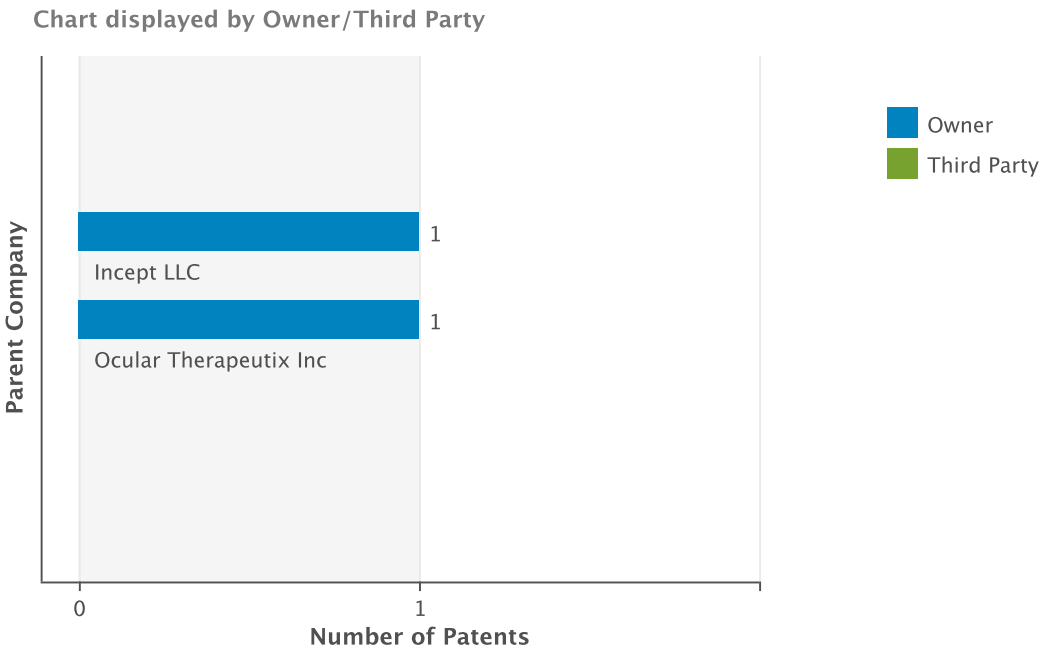
Phase 1 Clinical

Includes Phase 1, Phase 1a, Phase 1, Phase 1/2 (where enrolment count is under 100 or not specified), Phase 0

[Return to Table of Contents](#)

PATENTS

Patents by Parent Company Chart

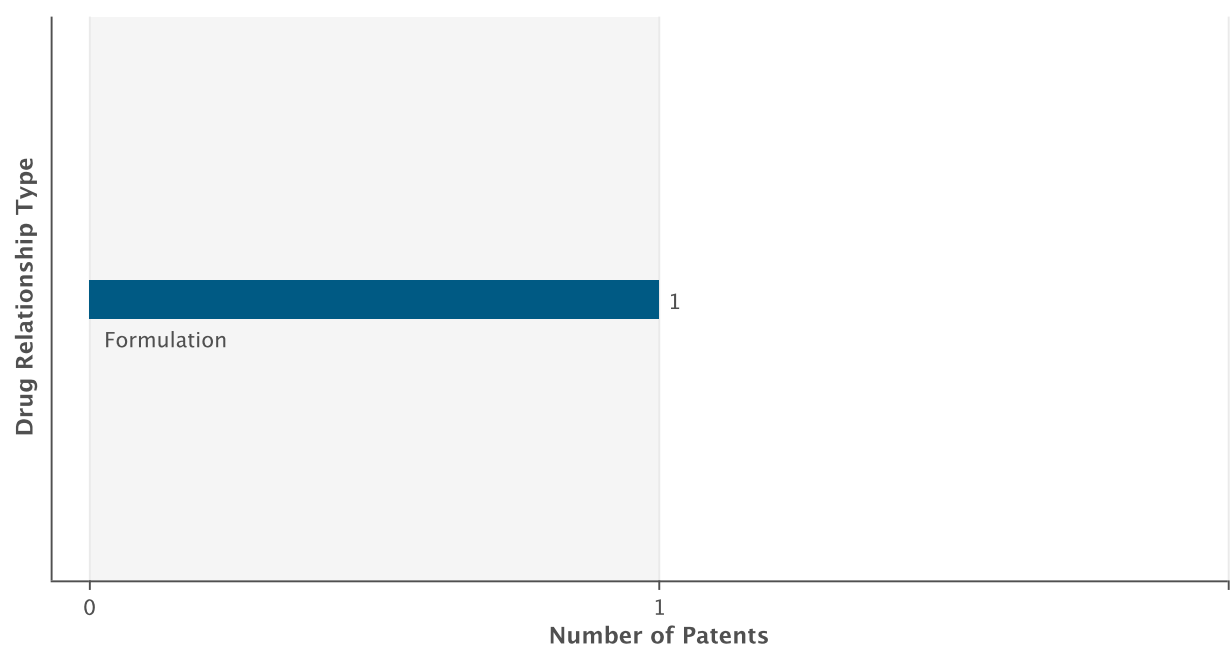


Patents by Parent Company Table

| Company Name | As Owner | As Third Party | Total |
|------------------------|----------|----------------|-------|
| Incept LLC | 1 | 0 | 1 |
| Ocular Therapeutix Inc | 1 | 0 | 1 |

[Return to Table of Contents](#)

Patents by Drug Relationship Type Chart



Patents by Drug Relationship Type Table

| Drug Relationship | Total |
|-------------------|-------|
| Formulation | 1 |

[Return to Table of Contents](#)

travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix

travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix SNAPSHOT

| | |
|-----------------------------|--|
| Drug Name | travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix |
| Key Synonyms | travoprost |
| Originator Company | Ocular Therapeutix Inc |
| Active Companies | Ocular Therapeutix Inc |
| Inactive Companies | |
| Highest Status | Phase 2 Clinical |
| Active Indications | Glaucoma |
| Target-based Actions | Prostanoid receptor agonist |
| Other Actions | PGF2 alpha agonist;Antiglaucoma agent |
| Technologies | Lipid;Small molecule therapeutic;Ophthalmic gel formulation;Microparticle formulation;Drug implant;Sustained release formulation |
| Last Change Date | 11-Mar-2015 |

travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix DEVELOPMENT PROFILE

SUMMARY

Ocular Therapeutix is developing sustained-release formulations of travoprost, including OTX-TP, OTX-TP1 and OTX-TP2, delivered using the company's punctum plug delivery system, for the potential treatment of glaucoma,.

In May 2012, a feasibility study of OTX-TP1, a 30-day sustained-release formulation, was initiated in glaucoma patients ; in July 2012, data were reported. In August 2012, a pilot phase II trial was initiated using OTX-TP2, a 2-month sustained-release formulation; in October 2012, data were reported. In November 2014, patient enrollment was initiated in a phase IIb trial ; in March 2015, data from the trial evaluating the drug for the treatment of glaucoma and ocular hypertension were expected in 4Q15.

The company is also investigating the treatment as OTX-TP2, a 60-day sustained-release formulation of travoprost; at that time, phase II trials were expected later in 2012.

travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

| Company | Indication | Country | Development Status | Date |
|------------------------|------------|--------------|--------------------|-------------|
| Ocular Therapeutix Inc | Glaucoma | South Africa | Phase 2 Clinical | 20-Aug-2012 |
| Ocular Therapeutix Inc | Glaucoma | US | Phase 2 Clinical | 16-Dec-2014 |

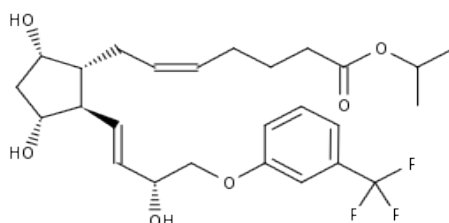
[Return to Table of Contents](#)



| Company | Indication | Country | Development Status | Date |
|------------------------|------------|-----------|--------------------|-------------|
| Ocular Therapeutix Inc | Glaucoma | Singapore | Clinical | 04-May-2012 |

travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix
CHEMICAL STRUCTURES

| CAS Registry Number: | Confidence Level: |
|----------------------|-------------------|
| 157283-68-6 | 1 |



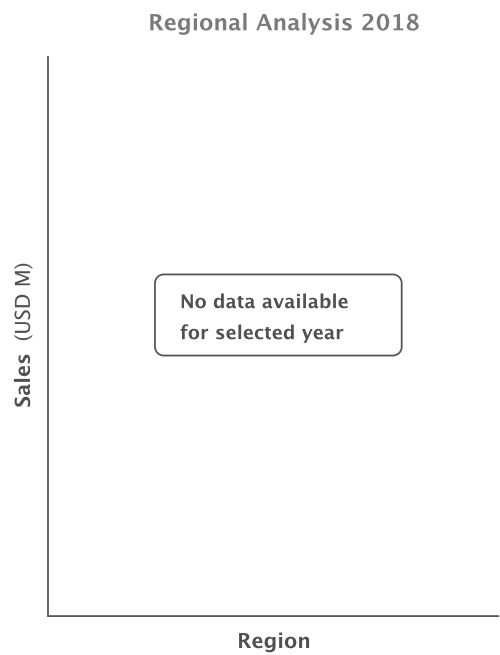
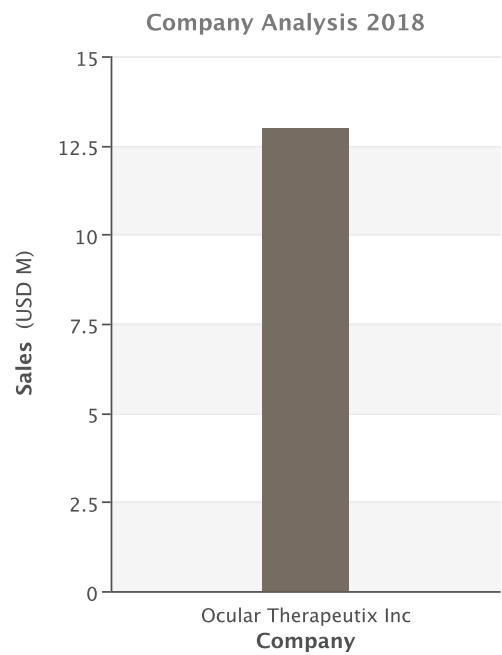
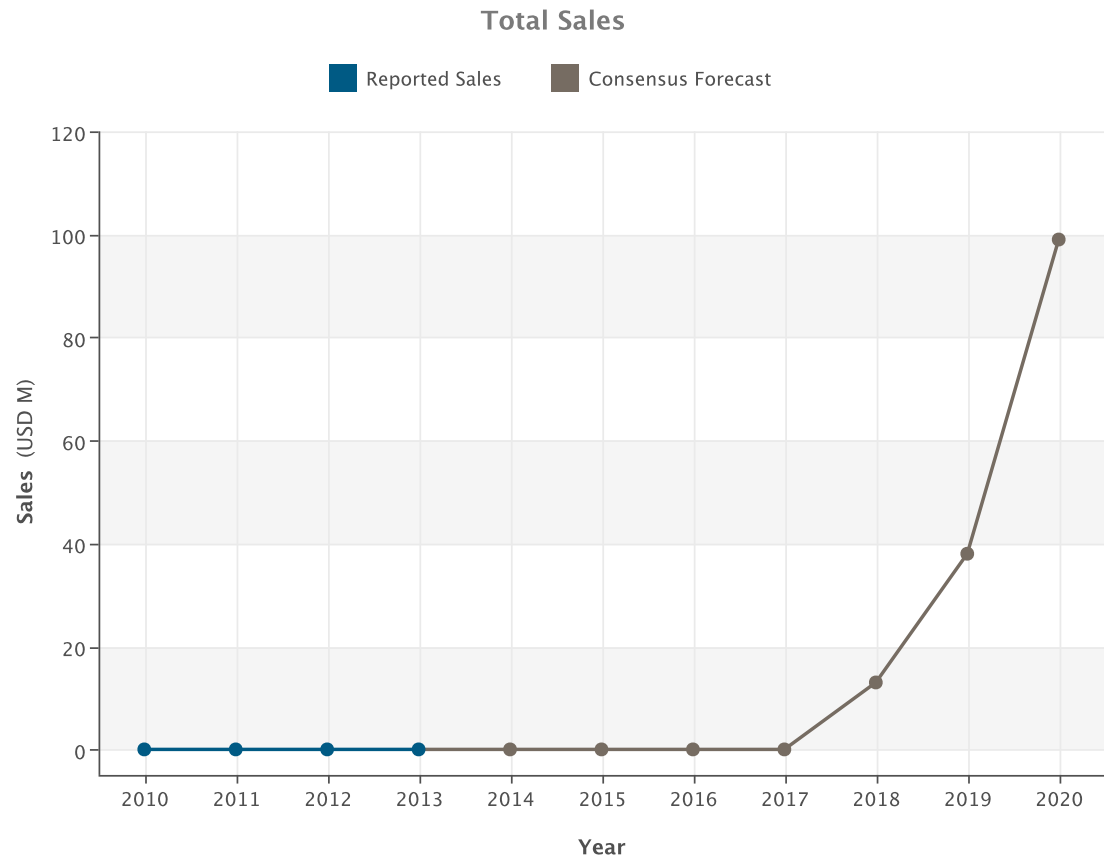
| Name | Type |
|------------|-----------------|
| travoprost | BANN; INN; USAN |
| Izba | Trade Name |
| Travatan | Trade Name |
| AL-6221 | Research Code |
| ENV-515 | Research Code |
| GLT-137 | Research Code |

travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix
DRUG NAMES

| Names | Type |
|---|-----------------|
| OTX-TP | Research Code |
| prostaglandin (ophthalmic sustained release/punctal plug delivery system), Ocular Therapeutix | |
| OTX-TP1 | Research Code |
| travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix | |
| travoprost | BANN, INN, USAN |
| OTX-TP2 | Research Code |

[Return to Table of Contents](#)

CHARTS



COMMENTARY

CONSENSUS SALES INFORMATION

Consensus forecast data for Ocular Therapeutix are presented.

REGIONAL DEVELOPMENT AND MARKETING RIGHTS

Ocular Therapeutix holds worldwide development and marketing rights.

travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix CLINICAL TRIALS

Trials by Phase and Condition Studied

| Phase 4 Clinical | | Phase 3 Clinical | | Phase 2 Clinical | | Phase 1 Clinical | | Phase Unspecified | | Total | |
|---------------------|-----|------------------|-----|------------------|-----|------------------|-----|-------------------|-----|----------|-----|
| On-going | All | On-going | All | On-going | All | On-going | All | On-going | All | On-going | All |
| Open angle glaucoma | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 1 | 3 | 0 | 1 | 0 | 1 | 1 | 5 |
| Ocular hypertension | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 1 | 3 |

Total Trials by Phase and Status

| Phase 4 Clinical | | Phase 3 Clinical | | Phase 2 Clinical | | Phase 1 Clinical | | Phase Unspecified | | Total | |
|---------------------------|-----|------------------|-----|------------------|-----|------------------|-----|-------------------|-----|----------|-----|
| On-going | All | On-going | All | On-going | All | On-going | All | On-going | All | On-going | All |
| Total by Phase and Status | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 1 | 3 | 0 | 1 | 0 | 1 | 1 | 5 |

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

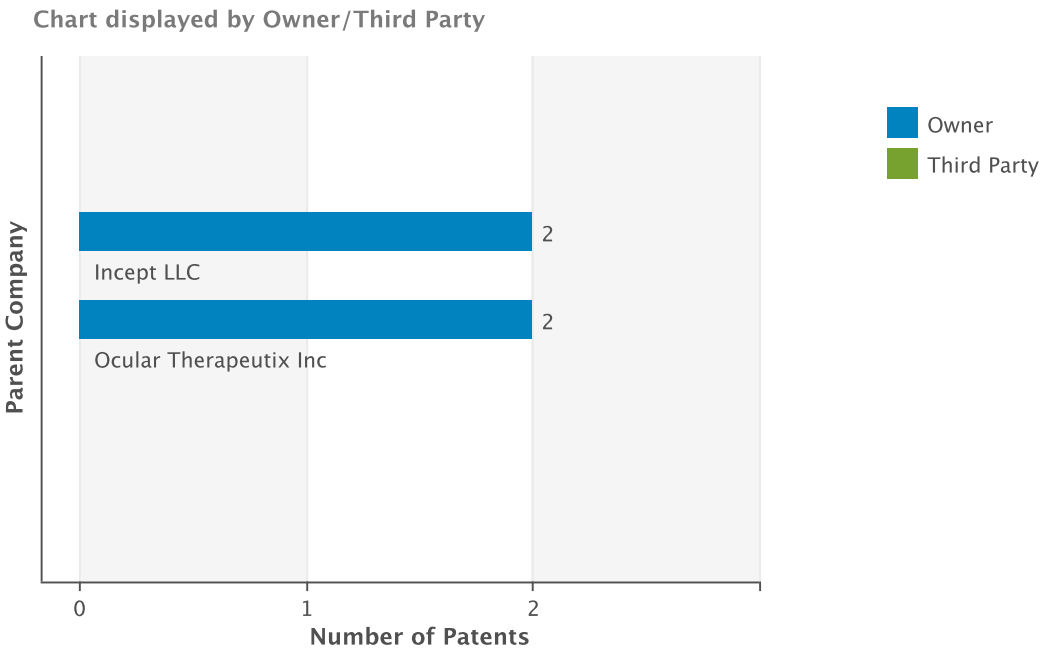
Includes Phase 1, Phase 1a, Phase 1, Phase 1/2 (where enrolment count is under 100 or not specified), Phase 0

[Return to Table of Contents](#)

travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix DEALS AND PATENTS

PATENTS

Patents by Parent Company Chart

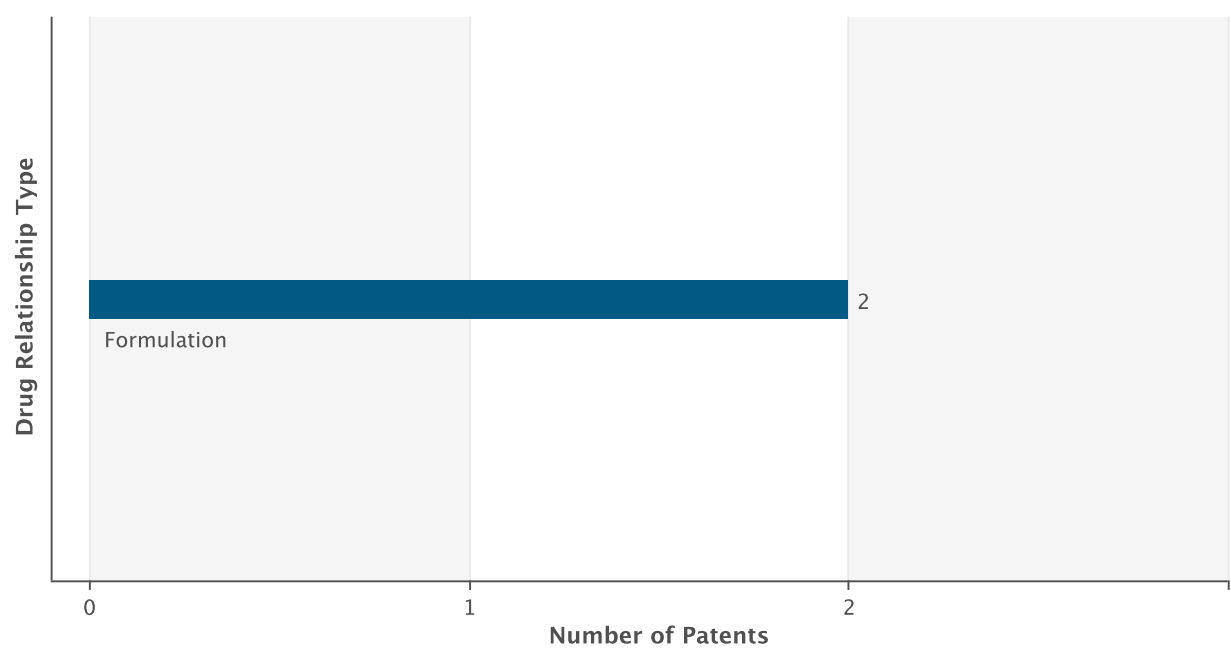


Patents by Parent Company Table

| Company Name | As Owner | As Third Party | Total |
|------------------------|----------|----------------|-------|
| Incept LLC | 2 | 0 | 2 |
| Ocular Therapeutix Inc | 2 | 0 | 2 |

[Return to Table of Contents](#)

Patents by Drug Relationship Type Chart



Patents by Drug Relationship Type Table

| Drug Relationship | Total |
|-------------------|-------|
| Formulation | 2 |

[Return to Table of Contents](#)

moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix

moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix SNAPSHOT

| | |
|-----------------------------|---|
| Drug Name | moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix |
| Key Synonyms | moxifloxacin |
| Originator Company | Ocular Therapeutix Inc |
| Active Companies | Ocular Therapeutix Inc |
| Inactive Companies | |
| Highest Status | Phase 1 Clinical |
| Active Indications | Conjunctivitis |
| Target-based Actions | DNA gyrase inhibitor;Topoisomerase IV inhibitor |
| Other Actions | Ophthalmological antibacterial;Bacterial nucleic acid synthesis inhibitor |
| Technologies | PEGylated formulation;Small molecule therapeutic;Ophthalmic gel formulation;Microparticle formulation;Antibiotic;Drug implant;Sustained release |
| Last Change Date | 22-Dec-2014 |

moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix DEVELOPMENT PROFILE

SUMMARY

Ocular Therapeutix is developing a sustained-release formulation of moxifloxacin, a PEG hydrogel rod comprising of free and poly (lactic-co-glycolic acid) encapsulated moxifloxacin particles, delivered using the company's punctum plug delivery system, for the potential treatment of bacterial conjunctivitis. In December 2014, the drug was listed as being under phase I development.

moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix DEVELOPMENT STATUS

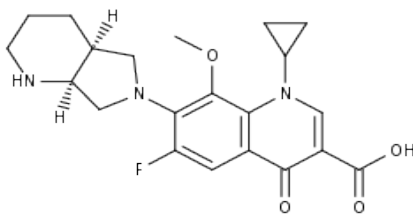
CURRENT DEVELOPMENT STATUS

| Company | Indication | Country | Development Status | Date |
|------------------------|----------------|---------|--------------------|-------------|
| Ocular Therapeutix Inc | Conjunctivitis | US | Phase 1 Clinical | 22-Dec-2014 |

moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix CHEMICAL STRUCTURES

[Return to Table of Contents](#)



| | |
|--|-------------------|
| CAS Registry Number: | Confidence Level: |
| 151096-09-2 | 1 |
|  | |
| Name | Type |
| moxifloxacin | BANN; INN |
| Avelox | Trade Name |
| Avalox | Trade Name |

moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix DRUG NAMES

| | |
|--|-----------|
| Names | Type |
| moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix | |
| moxifloxacin | BANN, INN |

moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix CLINICAL TRIALS

Trials by Phase and Condition Studied

| Phase 4 Clinical | | Phase 3 Clinical | | Phase 2 Clinical | | Phase 1 Clinical | | Phase Unspecified | | Total | |
|------------------|-----|------------------|-----|------------------|-----|------------------|-----|-------------------|-----|----------|-----|
| On-going | All | On-going | All | On-going | All | On-going | All | On-going | All | On-going | All |
| Conjunctivitis | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |

[Return to Table of Contents](#)

Total Trials by Phase and Status

| Phase 4 Clinical | | Phase 3 Clinical | | Phase 2 Clinical | | Phase 1 Clinical | | Phase Unspecified | | Total | |
|---------------------------|-----|------------------|-----|------------------|-----|------------------|-----|-------------------|-----|----------|-----|
| On-going | All | On-going | All | On-going | All | On-going | All | On-going | All | On-going | All |
| Total by Phase and Status | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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

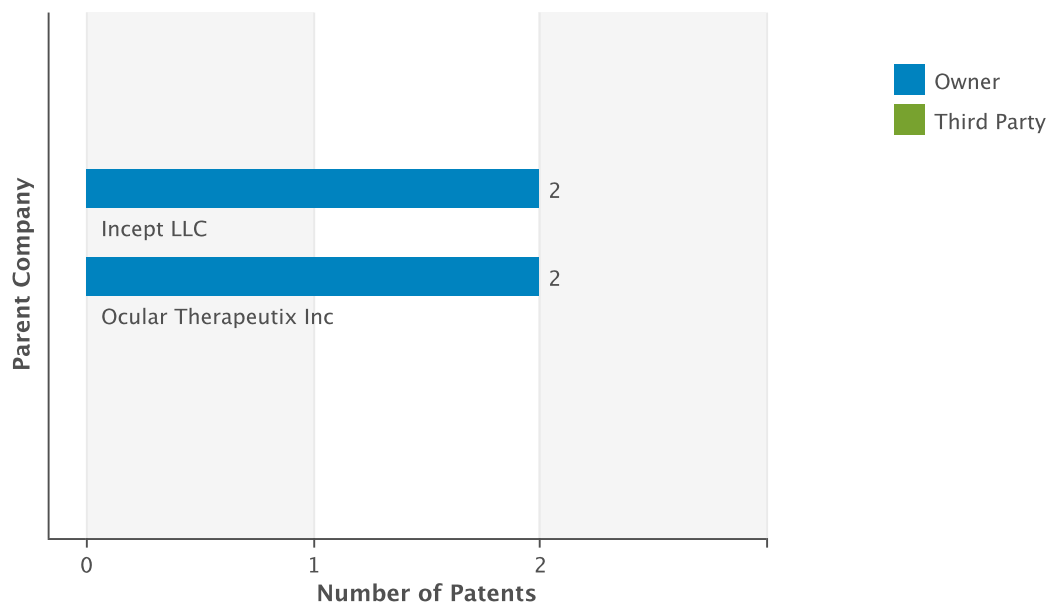
Includes Phase 1, Phase 1a, Phase 1, Phase 1/2 (where enrolment count is under 100 or not specified), Phase 0

moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix DEALS AND PATENTS

PATENTS

Patents by Parent Company Chart

Chart displayed by Owner/Third Party

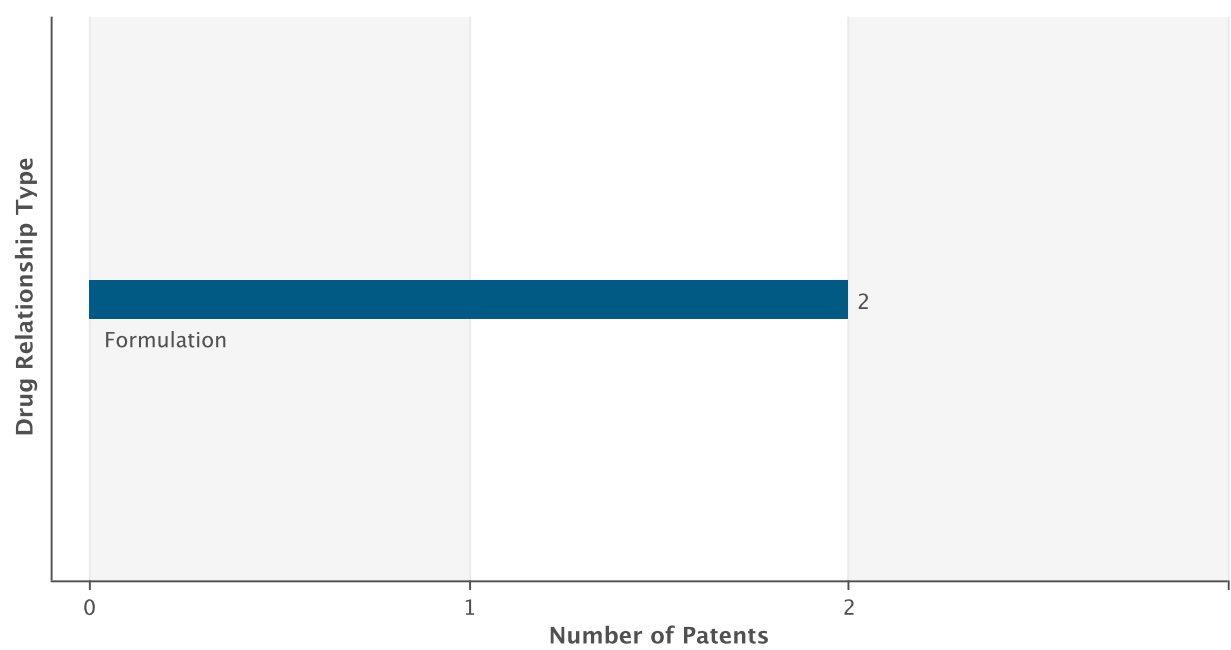


Patents by Parent Company Table

| Company Name | As Owner | As Third Party | Total |
|------------------------|----------|----------------|-------|
| Incept LLC | 2 | 0 | 2 |
| Ocular Therapeutix Inc | 2 | 0 | 2 |

[Return to Table of Contents](#)

Patents by Drug Relationship Type Chart



Patents by Drug Relationship Type Table

| Drug Relationship | Total |
|-------------------|-------|
| Formulation | 2 |

anti-VEGF protein therapeutic (sustained release depot, retinal disease), Ocular Therapeutix

anti-VEGF protein therapeutic (sustained release depot, retinal disease), Ocular Therapeutix SNAPSHOT

| | |
|----------------------|---|
| Drug Name | anti-VEGF protein therapeutic (sustained release depot, retinal disease), Ocular Therapeutix |
| Key Synonyms | |
| Originator Company | Ocular Therapeutix Inc |
| Active Companies | Ocular Therapeutix Inc |
| Inactive Companies | |
| Highest Status | Discovery |
| Active Indications | Retinopathy |
| Target-based Actions | VEGF receptor antagonist |
| Other Actions | |
| Technologies | Ophthalmic formulation;PEGylated formulation;Small molecule therapeutic;Peptide;Sustained release formulation |
| Last Change Date | 13-Nov-2014 |

anti-VEGF protein therapeutic (sustained release depot, retinal disease), Ocular Therapeutix DEVELOPMENT PROFILE

SUMMARY

Ocular Therapeutix is investigating a posterior segment sustained release depot formulation of an anti-VEGF protein therapeutic, delivered using PEG hydrogel technology, for the potential intravitreal treatment of back of the eye disease,. In January 2014, development was ongoing. In October 2014, the program was listed as being in preclinical development .

anti-VEGF protein therapeutic (sustained release depot, retinal disease), Ocular Therapeutix DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

| Company | Indication | Country | Development Status | Date |
|------------------------|-------------|---------|--------------------|-------------|
| Ocular Therapeutix Inc | Retinopathy | US | Discovery | 10-Jan-2014 |

anti-VEGF protein therapeutic (sustained release depot, retinal disease), Ocular Therapeutix DRUG NAMES

| Names | Type |
|--|------|
| anti-VEGF protein therapeutic (sustained release depot, retinal disease), Ocular Therapeutix | |

[Return to Table of Contents](#)



This report was created by Thomson Reuters, using information from *Thomson Reuters Cortellis™ for Competitive Intelligence*; a comprehensive, proven intelligence solution that leverages the most accurate, complete, and widely respected drug pipeline information.

For more information about *Cortellis for Competitive Intelligence*, visit:

http://cortellis.thomsonreuters.com/cortellis_for_you/?cid=thomsonone.

For subscription information, e-mail scientific.lifesciences@thomsonreuters.com.

© 2012 Thomson Reuters. All rights reserved.
Republication or redistribution of Thomson Reuters content, including by framing or similar means, is prohibited without the prior written consent of Thomson Reuters. 'Thomson Reuters' and the Thomson Reuters logo are registered trademarks and trademarks of Thomson Reuters and its affiliated companies.

[Return to Table of Contents](#)

