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Neothetics Inc

CORTELLIS COMPANY DETAILED PIPELINE REPORT

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

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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 accurateand 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.

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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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

COMPANY OVERVIEW

Company Name	Neothetics Inc
Parent Company Name	Neothetics Inc
Website	http://www.lithera.com/
Country	US
Number of Drugs in Active Development	1
Number of Inactive Drugs	0
Number of Patents as Owner	6
Number of Patents as Third Party	0
Number of Deals	1
Key Indications	Exophthalmos,Obesity,Thyroid associated ophthalmopathy,Anesthesia
Key Target-based Actions	Beta adrenoceptor agonist,Beta 2 adrenoceptor agonist,Glucocorticoid agonist,Histamine receptor antagonist
Key Technologies	Drug combination,Steroid,Ophthalmic formulation,Parenteral formulation unspecified,Small molecule therapeutic,Injectable formulation,Subcutaneous formulation,Formulation preservation,Freeze drying

COMPANY PROFILE

SUMMARY

Neothetics Inc (formerly Lithera Inc) is focused on the development of products to improve patients' aesthetics and their quality-of-life.

FINANCIAL

In November 2014, the company announced its initial public offering of 4,650,000 shares of its common stock at a public offering price of $14.00 per share and also granted a 30-day option to the underwriters to purchase up to an additional 697,500 shares of common stock at the same price to cover over-allotments. At that time, the shares were scheduled to begin trading on the NASDAQ Global Market on November 20, 2014 under the ticker symbol "NEOT" and the offering was expected to close on November 25, 2014, subject to customary closing conditions. In December 2014, the offering was closed and the company planned to raise net proceeds of approximately $60.5 million from the offering.

In December 2012, Lithera raised $20.6 million in preferred stock equity financing. At that time, additional investments were expected to bring the total raised up to $35.6 million. In July 2013, Lithera completed a second closing of the series C preferred stock equity financing, and secured an additional $6.7 million, bringing the total capital raised to $27.3 million. In February 2014, Lithera completed the final closing of the series C preferred stock equity financing, securing an additional $8 million, bringing the total capital raised to $35.6 million.

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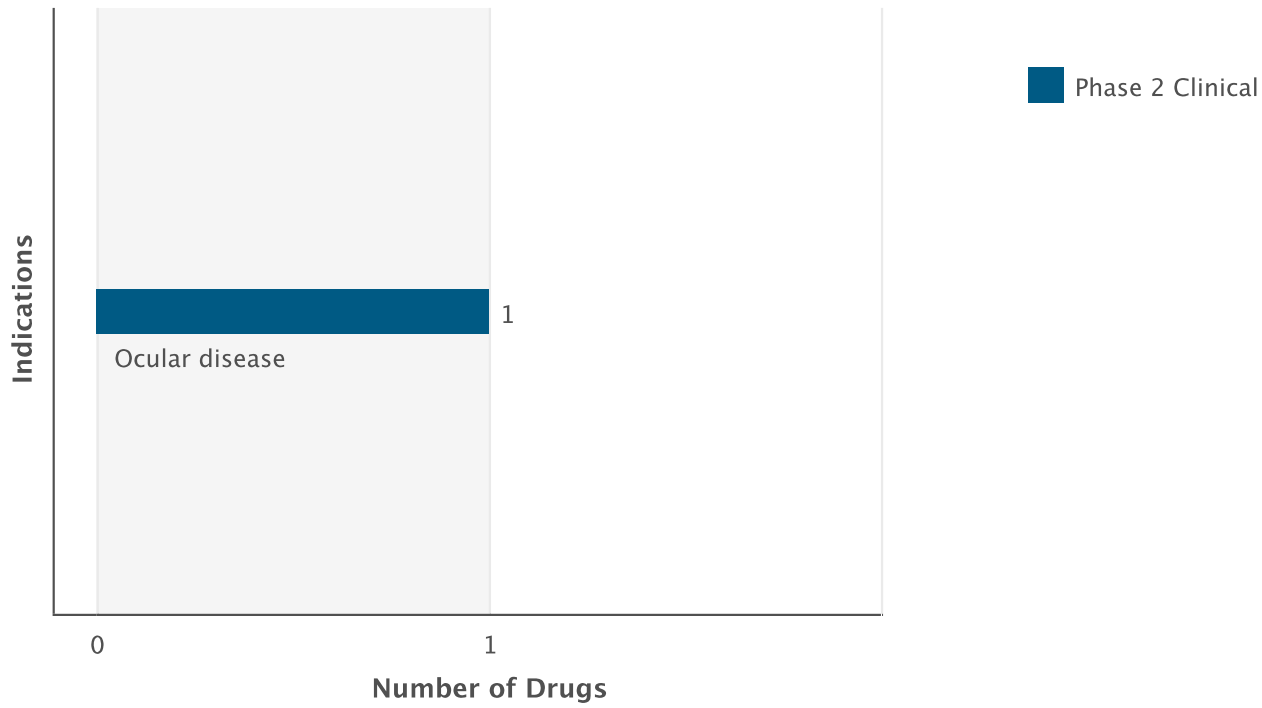
PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



Drugs by Indication Table

Indication	Active	Inactive	Total
Ocular disease	1	0	1

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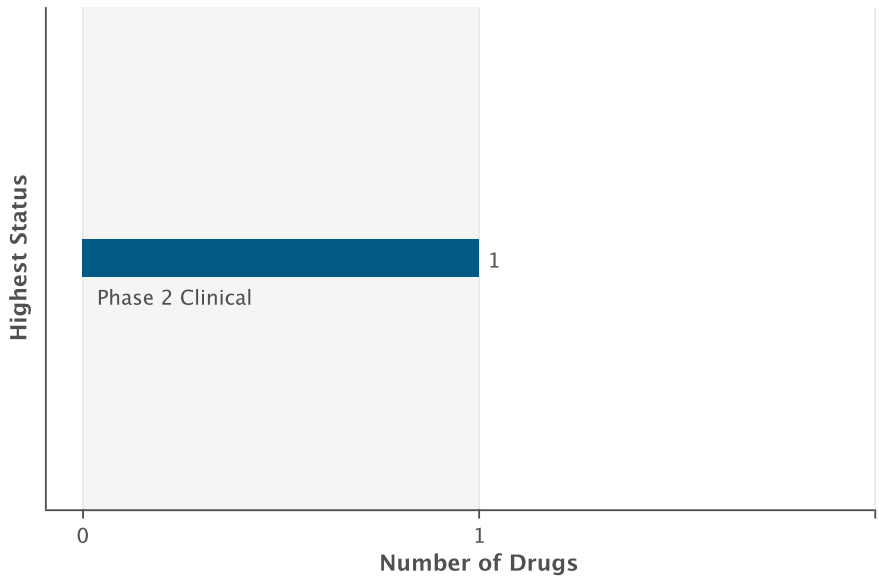
Drugs by Highest Status

Active Drugs by Highest Status Chart



Drugs by Highest Status Table

Development Status	Number of Drugs
Phase 2 Clinical	1

DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drug - Commercialization License	1	0	0	0	1

CLINICAL TRIALS

Trials by Condition Studied

Condition Studied	Ongoing	All
Ocular disease	0	2
Nutritional disorder	0	1

Trials by Phase

Phase	Ongoing	All
Phase 2	0	5
Phase 1	0	1

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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	5	0	5
Neurological disease	2	0	2
Nutritional disorder	4	0	4
Dermatological 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.

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PRODUCT PORTFOLIO DRUG PIPELINE DETAIL

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

salmeterol xinafoate + fluticasone propionate (injectable, exophthalmos), Neothetics/NovaMedica

salmeterol xinafoate + fluticasone propionate (injectable, exophthalmos), Neothetics/NovaMedica SNAPSHOT

Drug Name	salmeterol xinafoate + fluticasone propionate (injectable, exophthalmos), Neothetics/NovaMedica
Key Synonyms	
Originator Company	Neothetics Inc
Active Companies	NovaMedica;Neothetics Inc
Inactive Companies	
Highest Status	Phase 2 Clinical
Active Indications	Exophthalmos
Target-based Actions	Beta adrenoceptor agonist
Other Actions	Steroidal anti-inflammatory;Lipid metabolism stimulator;Corticosteroid agonist;Ophthalmological agent
Technologies	Drug combination;Ophthalmic formulation;Small molecule therapeutic;Parenteral formulation unspecified;Steroid
Last Change Date	11-Nov-2014

salmeterol xinafoate + fluticasone propionate (injectable, exophthalmos), Neothetics/NovaMedica DEVELOPMENT PROFILE

SUMMARY

Neothetics (formerly Lithera) is developing LIPO-102, an injectable combination of salmeterol xinafoate (SX) and fluticasone propionate (FP), which reduces local fat deposits by stimulating fat metabolism, for the potential intraorbital treatment of thyroid-related exophthalmos,. In March 2010, a phase II trial was initiated in Australia and New Zealand. In November 2010, a phase II trial in US was completed and results were reported. In June 2013, development was ongoing. In November 2014, the program was listed on the company's pipeline. In December 2012, Russian partner NovaMedica was planning to commercialize Lithera's products in Russia and CIS countries.

salmeterol xinafoate + fluticasone propionate (injectable, exophthalmos), Neothetics/NovaMedica DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
Neothetics Inc	Exophthalmos	Australia	Phase 2 Clinical	30-Mar-2010
Neothetics Inc	Exophthalmos	New Zealand	Phase 2 Clinical	30-Mar-2010
Neothetics Inc	Exophthalmos	US	Phase 2 Clinical	30-Apr-2010

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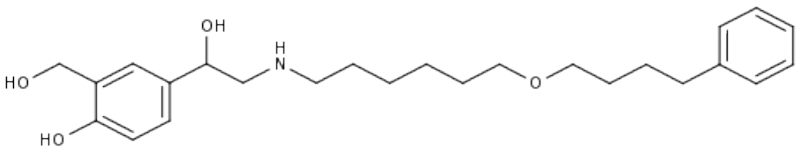
Company	Indication	Country	Development Status	Date
NovaMedica	Exophthalmos	Russian Federation	Discovery	19-Dec-2012

salmeterol xinafoate + fluticasone propionate (injectable, exophthalmos), Neothetics/NovaMedica

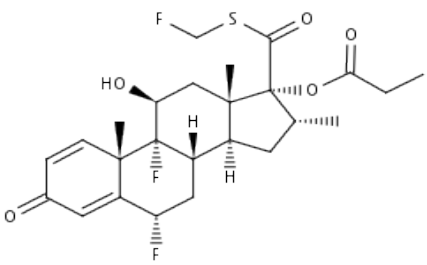
CHEMICAL STRUCTURES

CAS Registry Number:	Confidence Level:
89365-50-4	1



Name	Type
salmeterol	BANN; INN; USAN

CAS Registry Number:	Confidence Level:
80474-14-2	1



Name	Type
fluticasone propionate	USAN
Flutivate	Trade Name
Cutivate	Trade Name
PSX-1001	Research Code
PSX-1050	Research Code

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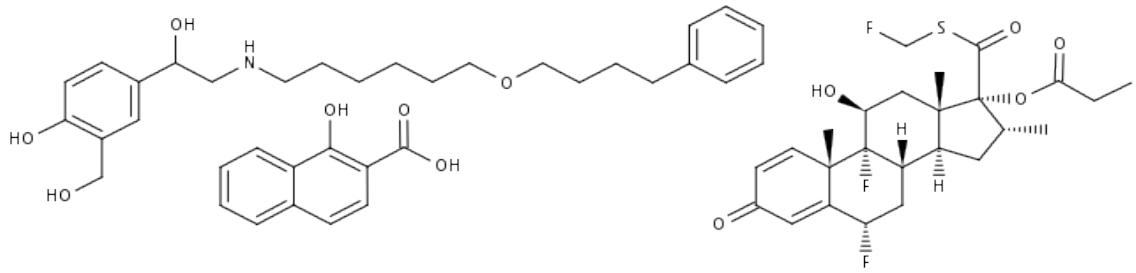
CAS Registry Number:	Confidence Level:
	1



Name	Type
LIPO-102	Research Code
salmeterol xinafoate + fluticasone propionate	

salmeterol xinafoate + fluticasone propionate (injectable, exophthalmos), Neothetics/NovaMedica DRUG NAMES

Names	Type
salmeterol xinafoate + fluticasone propionate (intraorbital, exophthalmos), Lithera/NovaMedica	
selective fat reducer (injectable, exophthalmos), Lithera	
salmeterol xinafoate + fluticasone propionate	
LIPO-102	Research Code
salmeterol xinafoate + fluticasone propionate (injectable, exophthalmos), Neothetics/NovaMedica	
salmeterol xinafoate + fluticasone propionate (injectable, exophthalmos), Lithera	

salmeterol xinafoate + fluticasone propionate (injectable, exophthalmos), Neothetics/NovaMedica 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
Exophthalmos											
0	0	0	0	0	1	0	1	0	0	0	2
Obesity											
0	0	0	0	0	1	0	0	0	0	0	1

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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	5	0	1	0	0	0	6

Phase Definitions

Phase 3 Clinical
Includes Phase 3, Phase 3b, Phase 3a, Phase 2/3 (where enrolment count is 300 or over)

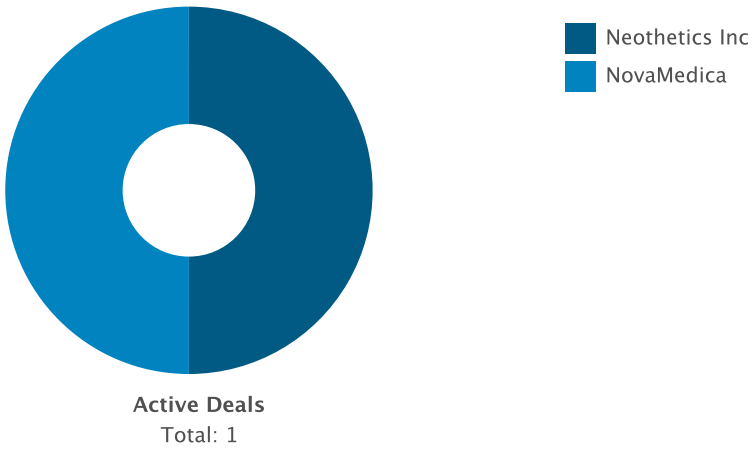
Phase 2 Clinical
Includes Phase 2, Phase 2a, Phase 2b, Phase 1/2 (where enrolment count is 100 or over), Phase 2/3 (where enrolment count is under 300 or not specified)

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

salmeterol xinafoate + fluticasone propionate (injectable, exophthalmos), Neothetics/NovaMedica DEALS AND PATENTS

DEALS

Deals by Parent Company Chart



Active Deals
Total: 1

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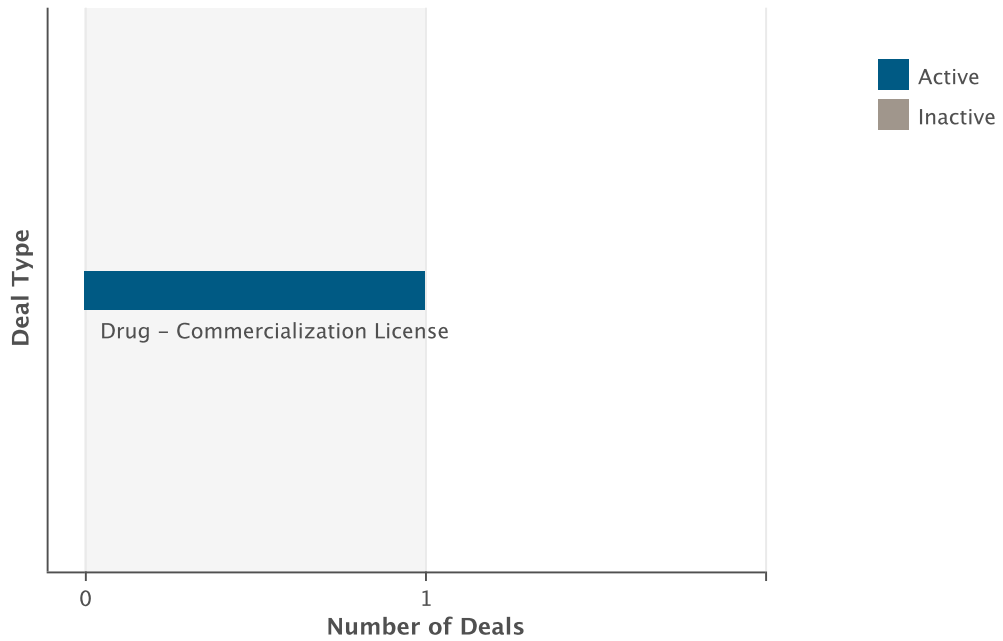
Deals by Parent Company Table

Company Name	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Neothetics Inc	1	0	0	0	1
NovaMedica	0	0	1	0	1

Deals by Type Chart



Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - Commercialization License	1	0	1

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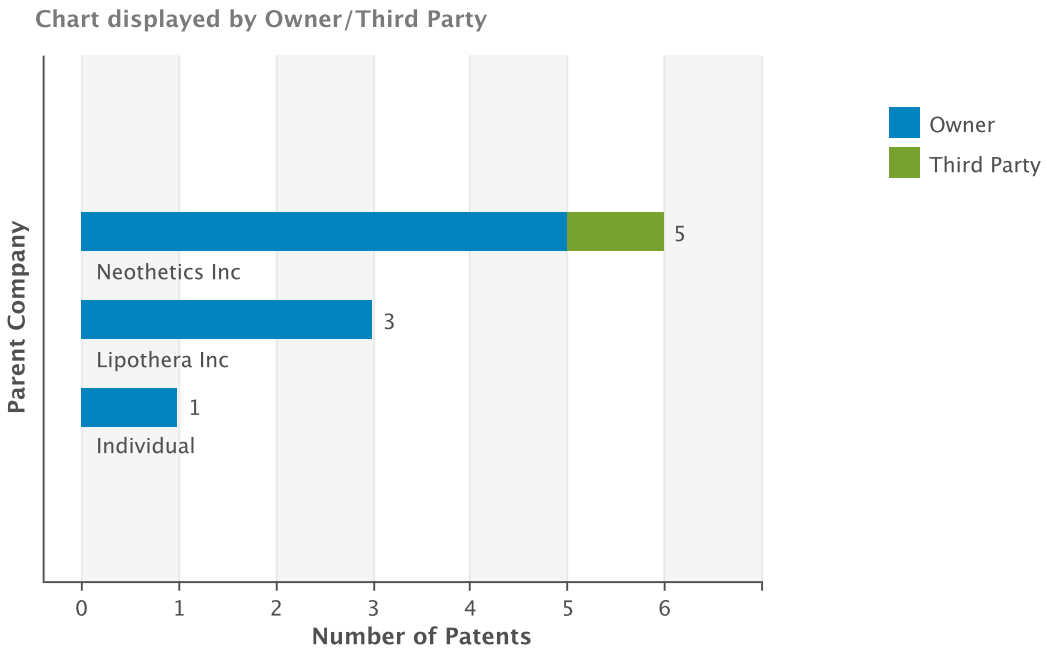
PATENTS

Patents by Parent Company Chart



Patents by Parent Company Table

Company Name	As Owner	As Third Party	Total
Neothetics Inc	5	1	5
Lipothera Inc	3	0	3
Individual	1	0	1

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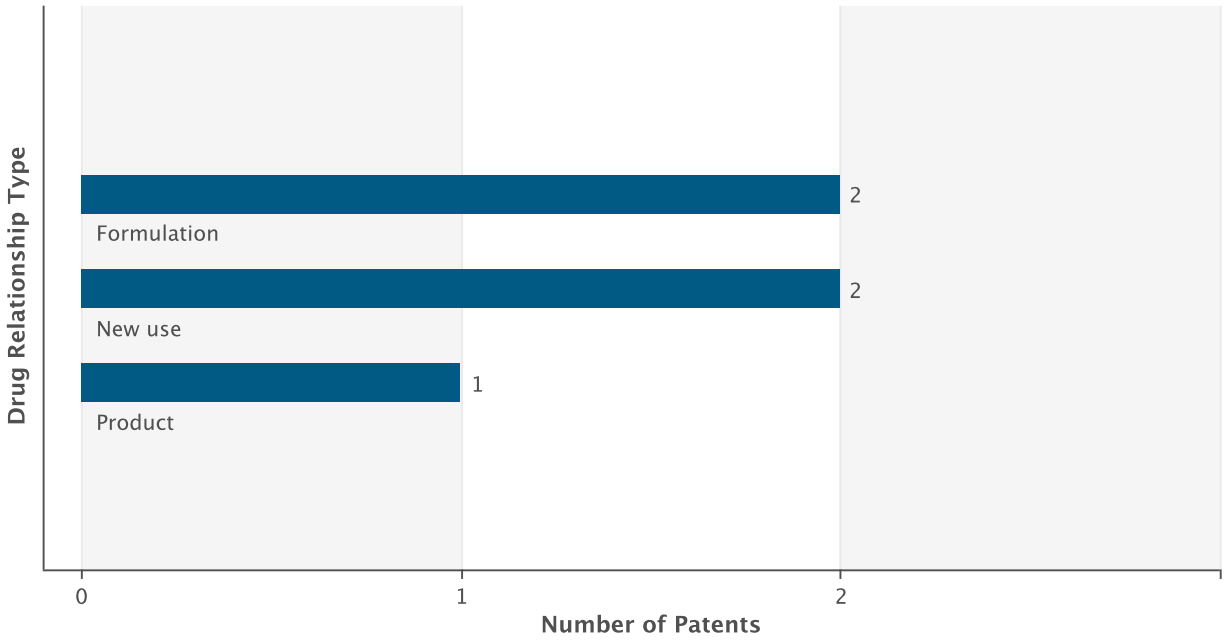
Patents by Drug Relationship Type Chart



Patents by Drug Relationship Type Table

Drug Relationship	Total
New use	2
Formulation	2
Product	1

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