

## Eleven Biotherapeutics

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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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

## COMPANY OVERVIEW

<b>Company Name</b>	Eleven Biotherapeutics
<b>Parent Company Name</b>	Eleven Biotherapeutics
<b>Website</b>	<a href="http://www.elevenbio.com/">http://www.elevenbio.com/</a>
<b>Country</b>	US
<b>Number of Drugs in Active Development</b>	4
<b>Number of Inactive Drugs</b>	5
<b>Number of Patents as Owner</b>	12
<b>Number of Patents as Third Party</b>	2
<b>Number of Deals</b>	2
<b>Key Indications</b>	Xerophthalmia, Diabetic macular edema, Inflammatory disease, Allergy, Diabetic eye disease, Autoimmune disease, Ocular disease, Allergic conjunctivitis, Cancer, Rheumatoid arthritis
<b>Key Target-based Actions</b>	IL-1 antagonist, IL-17 antagonist, Type I IL-1 receptor antagonist, IL-6 antagonist, Interleukin-6 ligand inhibitor, Factor VIII agonist, GDF-8 antagonist, Interleukin-1 ligand modulator, Albumin agonist, IL-23 antagonist, Interleukin-1 beta ligand inhibitor, Interleukin-1 beta ligand modulator, Type I IL-1 receptor modulator
<b>Key Technologies</b>	Biological therapeutic, Peptide, Parenteral formulation unspecified, Ophthalmic formulation, Antibody, Injectable formulation, Protein chimeric, Dermatological formulation, Local formulation unspecified, Transdermal formulation

## COMPANY PROFILE

### SUMMARY

Eleven Biotherapeutics aims to develop protein-based therapeutics, with an initial focus on inflammatory conditions and coagulation disorders.

### FINANCIAL

In November 2014, the company entered into an agreement for the sale of 1,743,680 shares of its common stock at \$11.47 per share and warrants to purchase approximately 871,840 shares of common stock at a price of \$15 per share. The gross proceeds were expected to be \$20 million. At that time, the transaction was expected to be closed on December 1, 2014 and the warrants would expire in three years from the date of issuance.

March 2014, the company was added to the Russell 2000 and Russell 3000 Indexes.

In January 2014, the company filed a registration statement on Form S-1 for a proposed initial public offering of shares of its common stock. In February 2014, the company priced the offering of 5 million common stock shares at a price of \$10 each. The underwriters were granted a 30-day option to buy up to 750,000 additional shares of common stock to cover over-allotments, at the public offering price less the underwriting discount. Eleven's common stock began trading on the NASDAQ Global Market under the ticker symbol 'EBIO'. Later that month, the company closed the IPO and issued 5,750,000 common stock shares including 750,000 shares of common stock upon full exercise by the underwriters. By May 2014, the company raised net proceeds of approximately \$50.2 million from the initial public offering.

In May 2012, the company secured \$20 million in a series A equity financing, expanding the total amount raised to \$45 million.

In February 2010, Eleven raised \$35 million in a series A financing.

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COMPANY FINANCIALS

SHARE INFORMATION

Close Price (USD)	11.98
Change (USD)	0.20 (1.70%)
Previous Close Price (USD)	11.78
Volume	35,231
52-Week High (USD)	19.33
52-Week Low (USD)	9.50
Date	16-Jan-2015
Exchange	NASDAQ(COMPOSITE)
Current Number of Shares Outstanding	16,289,359
Current Market Capitalization	195,146,521
EPS (Date Reported)	-2.42377

STOCK PERFORMANCE



MAJOR SHAREHOLDERS

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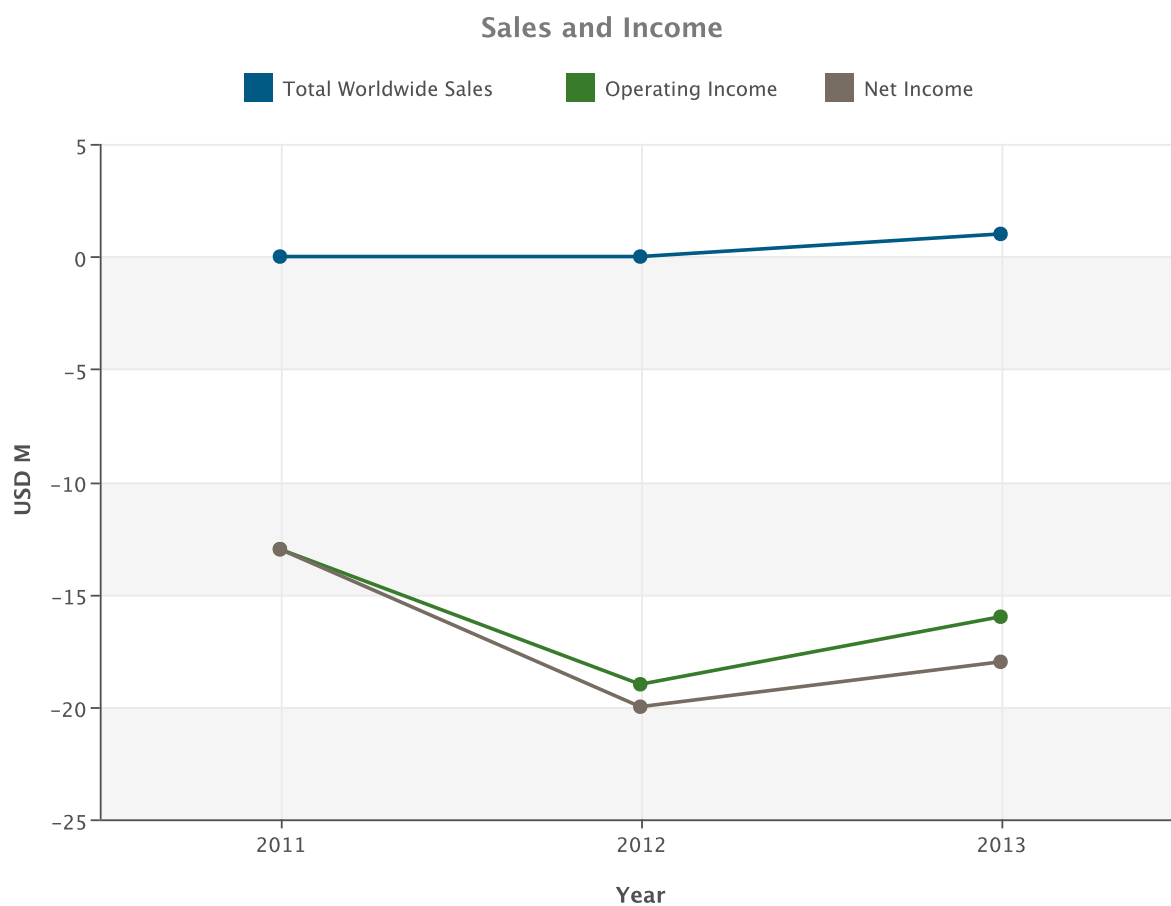
Shareholder	Type	Country	Shares held	% of shares held	Change in holding	% changes in shares held	Date
JAFCO Co., Ltd.	Venture Capital	Japan	2,119,526	13.01	-7,765	-0	05-Dec-2014
Sabby Management, LLC	Investment Advisor/Hedge Fund	United States	1,046,205	6.42	1,026,208	51.32	25-Nov-2014
Fidelity Select Biotechnology Portfolio	Mutual Fund	United States	752,060	4.62	0	0	30-Nov-2014
Fidelity Growth Company Fund	Mutual Fund	United States	621,400	3.81	-16,400	-0.03	30-Nov-2014
Franklin Templeton Invest-Biotechnology Discovery	Mutual Fund	United States	514,100	3.16	-199,600	-0.28	31-Oct-2014
Celniker (Abbie C)	Individual Investor	United States	354,330	2.18	0	0	05-Dec-2014
Fidelity Series Growth Company Fund	Mutual Fund	United States	149,112	0.92	0	0	30-Nov-2014
Fidelity Advisor Biotechnology Fund	Mutual Fund	United States	123,940	0.76	0	0	30-Nov-2014
JP Morgan Small Cap Core Fund	Mutual Fund	United States	104,600	0.64	-1,300	-0.01	31-Oct-2014
iShares Russell 2000 ETF	Mutual Fund	United States	78,480	0.48	10,256	0.15	31-Dec-2014
Vanguard Total Stock Market Index Fund	Mutual Fund	United States	79,313	0.49	0	0	30-Nov-2014
JPMorgan Small Cap Value Fund	Mutual Fund	United States	75,500	0.46	1,800	0.02	30-Nov-2014
Lynch (Daniel S)	Individual Investor	United States	70,879	0.44	0	0	05-Dec-2014
Carnegie Global Healthcare Fund	Mutual Fund	Sweden	67,434	0.41	-32,566	-0.33	30-Nov-2014
iShares Russell 2000 Growth ETF	Mutual Fund	United States	34,592	0.21	2,701	0.08	31-Dec-2014
Dreman Value Management, L.L.C.	Investment Advisor/Hedge Fund	United States	32,200	0.2	0	0	30-Nov-2014
Met Investors Series Dreman Small-Cap Value	Mutual Fund	United States	32,200	0.2	0	0	30-Nov-2014

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Principal SmallCap Blend Fund	Mutual Fund	United States	31,004	0.19	0	0	30-Nov-2014
JPMorgan U.S. Small Company Fund	Mutual Fund	United States	28,300	0.17	100	0	30-Nov-2014
Fidelity Spartan Extended Market Index Fund	Mutual Fund	United States	23,306	0.14	1,919	0.09	30-Nov-2014

## FINANCIAL PERFORMANCE



	2011	2012	2013		
<b>Sales (USD M)</b>	0	0	1.334		
<b>Operating Income (USD M)</b>	-12.678	-19.476	-16.199		
<b>Net Income (USD M)</b>	-12.826	-19.657	-18.025		

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## Quarterly earnings update

Period	Sales (USD M)	Operating Income (USD M)	Net Income (USD M)
2014 Q3	0.539	-10.602	-10.674
2014 Q2	0.761	-8.045	-8.121
2014 Q1	0.568	-7.189	-7.741
2013 Q4	0.51	-4.12	-6.208
2013 Q3	0.622	-3.54	-4.718
2013 Q2	0.202	-3.383	-4.551
2013 Q1	0	-5.435	-6.405
2012 Q4	0	-5.028	-6.004
2012 Q3	0	-4.762	-5.735

## BALANCE SHEET

### Assets (USD M)

	2011	2012	2013		
Cash & Short Term Investments	0.7	8.016	7.942		
Inventories - Total	0	0	0		
Current Assets - Total	0.989	8.271	8.03		
Property, Plant And Equipment - Net	1.535	1.197	0.759		
Other Assets - Total	0.007	0.035	2.354		
Total Assets	2.665	9.503	11.237		

### Liabilities (USD M)

	2011	2012	2013		
Accounts Payable	1.057	1.107	1.746		
Short Term Debt & Current Portion Of Long Term Debt	0.61	0.236	1.642		
Current Liabilities - Total	2.218	1.825	5.353		
Long Term Debt	0.419	1.769	2.876		
Other Liabilities	0.175	0.17	0.307		
Total Liabilities	2.812	3.764	8.891		

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## Stockholders Equity (USD M)

	2011	2012	2013		
Minority Interest	0	0	0		
Preferred Stock	19.644	45.035	66.523		
Common Stock	0.006	0.008	0.002		
Treasury Stock	0	0			
Total Liabilities & Shareholders' Equity	2.665	9.503	11.237		

## FORECASTS

### EPS Forecast

Year ending	Current Forecast	1 month ago	3 months ago
31-Dec-2015	-1.59	-1.59	-1.55
31-Dec-2016	-1.51	-1.51	-1.48
31-Dec-2017	-2	-2	-2.02

### Other Forecasts

Year ending	DPS	CPS	Pretax	Sales
31-Dec-2015	0		-29.15	0.5
31-Dec-2016	0		-31.85	0
31-Dec-2017			-40.3	43

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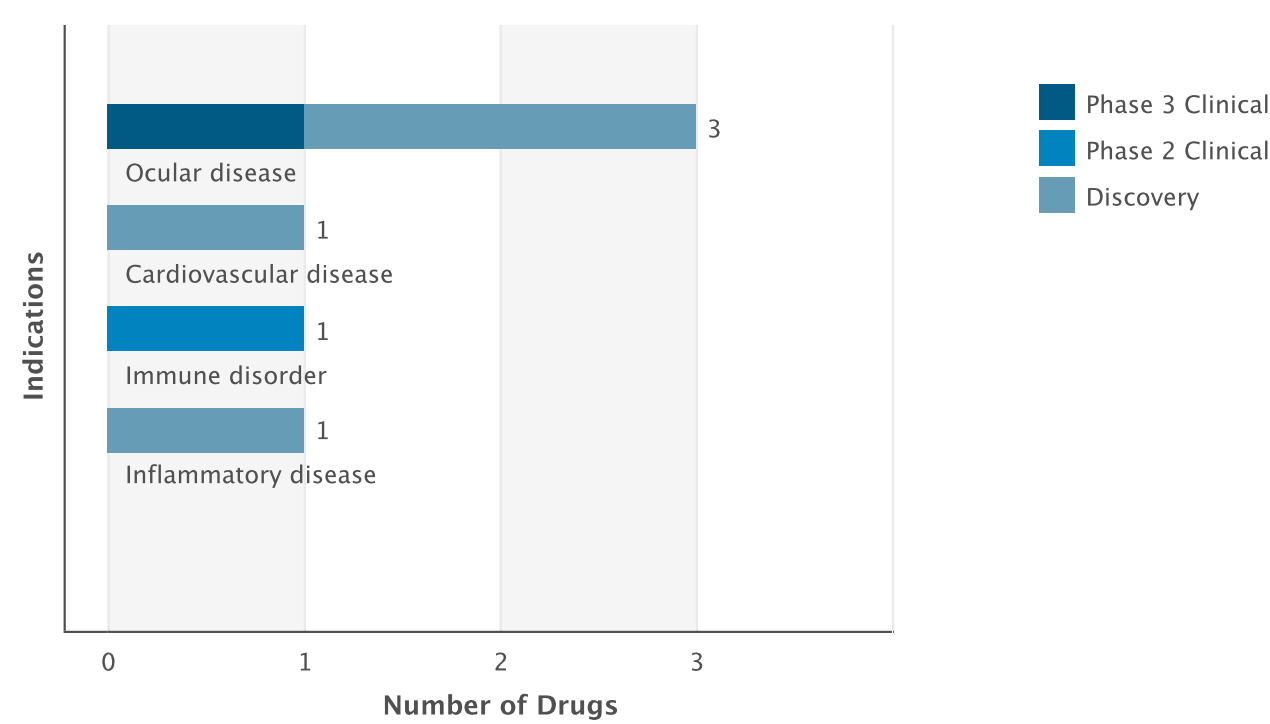


PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



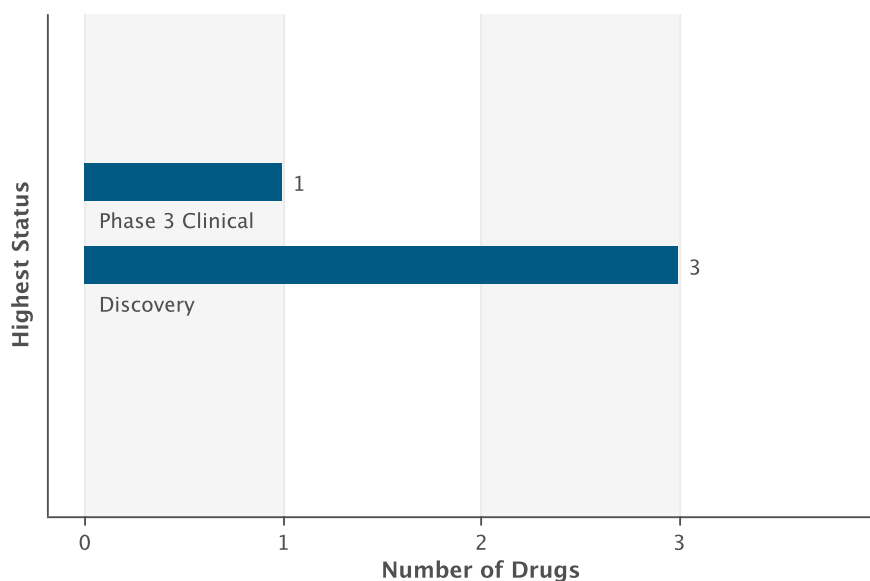
Drugs by Indication Table

Indication	Active	Inactive	Total
Inflammatory disease	1	3	4
Immune disorder	1	3	4
Ocular disease	3	0	3
Hematological disease	0	2	2
Musculoskeletal disease	0	2	2
Genetic disorder	0	1	1
Metabolic disorder	0	1	1
Dermatological disease	0	1	1
Cardiovascular disease	1	0	1
Growth disorder	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 3 Clinical	1
Discovery	3
No Development Reported	5

## DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Technology - Other Proprietary	1	0	0	0	1
Drug - Funding	1	0	0	0	1

## CLINICAL TRIALS

Trials by Condition Studied

Condition Studied	Ongoing	All
Ocular disease	1	4
Inflammatory disease	0	2

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## Trials by Phase

Phase	Ongoing	All
Phase 3	1	1
Phase 2	0	2
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	2	0	2
Endocrine disease	1	1	2
Gastrointestinal disease	3	1	4
Genitourinary disease	0	1	1
Hematological disease	1	0	1
Degeneration	1	0	1
Immune disorder	5	1	6
Musculoskeletal disease	3	0	3
Neoplasm	1	2	3
Ocular disease	6	0	6
Metabolic disorder	2	0	2
Neurological disease	4	0	4
Respiratory disease	0	1	1
Infectious disease	1	1	2
Inflammatory disease	8	0	8
Gynecology and obstetrics	0	1	1

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Dermatological disease	1	1	2
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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.

## PRODUCT PORTFOLIO DRUGS

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

### EBI-005

<b>Drug Name</b>	EBI-005
<b>Key Synonyms</b>	
<b>Originator Company</b>	Eleven Biotherapeutics
<b>Active Companies</b>	Eleven Biotherapeutics
<b>Inactive Companies</b>	
<b>Highest Status</b>	Phase 3 Clinical
<b>Active Indications</b>	Xerophthalmia, Allergy
<b>Target-based Actions</b>	IL-1 antagonist, Type I IL-1 receptor antagonist
<b>Other Actions</b>	Ophthalmological agent
<b>Technologies</b>	Ophthalmic formulation, Biological therapeutic, Peptide, Protein chimeric
<b>Last Change Date</b>	14-Nov-2014

### EBI-031

<b>Drug Name</b>	EBI-031
<b>Key Synonyms</b>	
<b>Originator Company</b>	Eleven Biotherapeutics
<b>Active Companies</b>	Eleven Biotherapeutics
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Diabetic macular edema
<b>Target-based Actions</b>	IL-6 antagonist, Interleukin-6 ligand inhibitor
<b>Other Actions</b>	Anti-inflammatory
<b>Technologies</b>	Antibody, Injectable formulation, Ophthalmic formulation, Biological therapeutic, Parenteral formulation unspecified
<b>Last Change Date</b>	26-Nov-2014

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**EBI-028**

<b>Drug Name</b>	EBI-028
<b>Key Synonyms</b>	
<b>Originator Company</b>	Eleven Biotherapeutics
<b>Active Companies</b>	Eleven Biotherapeutics
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Inflammatory disease
<b>Target-based Actions</b>	IL-17 antagonist
<b>Other Actions</b>	Anti-inflammatory, Topical antipsoriatic product
<b>Technologies</b>	Injectable formulation, Dermatological formulation, Ophthalmic formulation, Biological therapeutic, Parenteral formulation unspecified, Peptide
<b>Last Change Date</b>	16-May-2014

**eleven program (recombinant protein therapeutics, diabetic eye disease), Eleven Biotherapeutics/ThromboGenics**

<b>Drug Name</b>	eleven program (recombinant protein therapeutics, diabetic eye disease), Eleven Biotherapeutics/ThromboGenics
<b>Key Synonyms</b>	
<b>Originator Company</b>	ThromboGenics NV
<b>Active Companies</b>	Eleven Biotherapeutics, ThromboGenics NV
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Diabetic eye disease
<b>Target-based Actions</b>	
<b>Other Actions</b>	Ophthalmological agent, Unspecified drug target
<b>Technologies</b>	Biological therapeutic, Parenteral formulation unspecified, Protein recombinant
<b>Last Change Date</b>	10-Oct-2014

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