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SCYNEXIS 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.

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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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

COMPANY OVERVIEW

Company Name	SCYNEXIS Inc
Parent Company Name	SCYNEXIS Inc
Website	http://www.scynexis.com/
Country	US
Number of Drugs in Active Development	8
Number of Inactive Drugs	7
Number of Patents as Owner	21
Number of Patents as Third Party	0
Number of Deals	24
Key Indications	Fungal infection,Trypanosoma cruzi infection,Trypanosoma brucei infection,Candida infection,Leishmania donovani infection,Parasitic infection,Hepatitis C virus infection,HIV infection,Alzheimers disease,Amoeba infection,Aspergillus infection,Asthma,Autoimmune disease,Cryptococcus infection,Dengue virus infection,Glomerulonephritis,Hepatitis B virus infection,Influenza virus infection,Insulin dependent diabetes,Ischemia,Keratitis,Meningitis,Pneumonia,Psoriasis,Reperfusion injury,Respiratory syncytial virus infection,Toxoplasma infection,Trichomonas
Key Target-based Actions	Peptidylprolyl isomerase inhibitor,1,3 beta glucan synthase inhibitor,Calcineurin inhibitor,Peptidyl-prolyl cis-trans isomerase D inhibitor,Glucan synthase inhibitor,IL-2 antagonist,Interleukin-29 ligand
Key Technologies	Small molecule therapeutic,Biological therapeutic,Oral formulation,Peptide,Capsule formulation,Intravenous formulation,Natural product,Assay,Chemical isolation,Fermentation synthesis,Stereochemical

COMPANY PROFILE

SUMMARY

SCYNEXIS (formerly SCYNEXIS Chemistry & Automation) is a chemistry- focused drug discovery company. Formed in 2000 as an independent spin-off of Aventis CropScience, SCYNEXIS utilizes its proprietary MEDCHEM-FACTORY to optimize lead molecules for candidate selection and deliver drug pipeline solutions to pharmaceutical partners from early discovery to phase II.

COMPANY LOCATION

In December 2009, the company's process chemistry, analytical and manufacturing facilities were found to be in full compliance with cGMP manufacturing and analytical regulations following an FDA inspection.

LICENSING AGREEMENTS

In May 2009, SCYNEXIS granted Medicines for Malaria Venture (MMV) access to its HEOS drug discovery platform.

In December 2008, SCYNEXIS and Drugs for Neglected Diseases initiative (DNDi) extended their research alliance for an added three years. In November 2007, SCYNEXIS and DNDi established a drug research alliance to discover therapies for sleeping sickness.

In December 2006, SCYNEXIS Chemistry & Automation and Merck & Co formed a multi-year research collaboration to discover and develop new cancer drugs. SCYNEXIS would produce highly-targeted compound libraries and use rapid lead optimization techniques to select drug candidates. In October 2009, SCYNEXIS received a payment for a preclinical milestone.

By December 2005, SCYNEXIS and Merial were collaborating on the research of novel compounds for animal health needs. In November 2009, SCYNEXIS received a milestone payment from Merial in its multi-year research collaboration.

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In October 2005, SCYNEXIS agreed to provide medicinal and analytical chemistry services for Teijin Pharma's drug development programs.

In April 2004, Norak Biosciences Inc and SCYNEXIS entered into a R&D collaboration. Norak transferred certain active compounds and chemical structures from its Transfluor screening program against novel desensitization targets to SCYNEXIS. Norak was to gain access to a SCYNEXIS research unit, which included medicinal chemistry technology and expertise. Norak was to receive exclusive worldwide rights to products developed through the collaboration in exchange for technology access fees and other compensation for SCYNEXIS technologies and services.

In November 2002, SCYNEXIS entered into a research collaboration with F Hoffmann-La Roche Ltd to discover and develop novel compounds for the CNS, and metabolic diseases. The transaction would include access by Roche to the SCYNEXIS MEDCHEM-FACTORY technology and HEOS Hit Explorer Operating System software, thus accelerating the identification of novel leads against Roche's drug targets by producing large, focused, high-purity compound libraries and then utilizing rapid lead optimization to identify clinical candidates. Specific financial terms were not disclosed. However, Roche was to receive exclusive worldwide rights to products developed through the collaboration in exchange for technology access fees and other compensation for SCYNEXIS technologies and services. In September 2003, this collaboration was extended.

In June 2002, SCYNEXIS entered into a multiyear research collaboration with Merck & Co Inc to discover and develop novel anti-infective compounds. Utilizing its proprietary MEDCHEM-FACTORY technology, SCYNEXIS was to accelerate the identification of novel drugs against Merck's screening targets by producing large, highly targeted, high-purity compound libraries. Merck was to receive exclusive worldwide rights to products developed through the collaboration. SCYNEXIS was to receive milestone payments and royalties on sales. In July 2003, this research collaboration was expanded. In January 2007, SCYNEXIS received a $1 million payment from Merck & Co for meeting preclinical milestones under the companies' 2002 collaboration to develop antifungal agents. In December 2009, SCYNEXIS achieved a third milestone in its collaboration with Merck & Co to develop antifungals. The milestone was triggered by the initiation of clinical development for a compound generated under the collaboration. Under the terms of the original agreement, SCYNEXIS would receive milestones and double-digit percentage royalties.

In December 2001, Plexxikon Inc signed an agreement with SCYNEXIS, under the terms of which Plexxikon will access SCYNEXIS' proprietary MEDCHEM-FACTORY technology in order to accelerate its chemistry programs.

In February 2001, SCYNEXIS formed an alliance with two additional specialized research companies, Piedmont Research Center and Biotechnics Inc, to enhance its ability to quickly identify and bring forward the development of promising drug candidates.

FINANCIAL

By June 2014, SCYNEXIS had repayed a $15 million credit facility.

In May 2014, the company priced its IPO of 6,200,000 shares of its common stock at $10 per share. The underwriters were also granted a 30-day over-allotment option to purchase up to an additional 930,000 shares of common stock. In June 2014, the company raised net proceeds of $40 million from the completed offering.

In March 2014, the company announced a initial public offering of 4,230,800 shares of its common stock priced between $12.00 and $14.00 per share. The underwriters were to be granted a 30-day option to purchase additional 634,620 shares of the common stock. At that time, the company filed an application to list the shares under the ticker symbol "SCYX" on the NASDAQ Global Market. In May 2014, the company's shares began trading on the NASDAQ Global Market.

In March 2008, SCYNEXIS completed a $13.5 million Series C2 financing.

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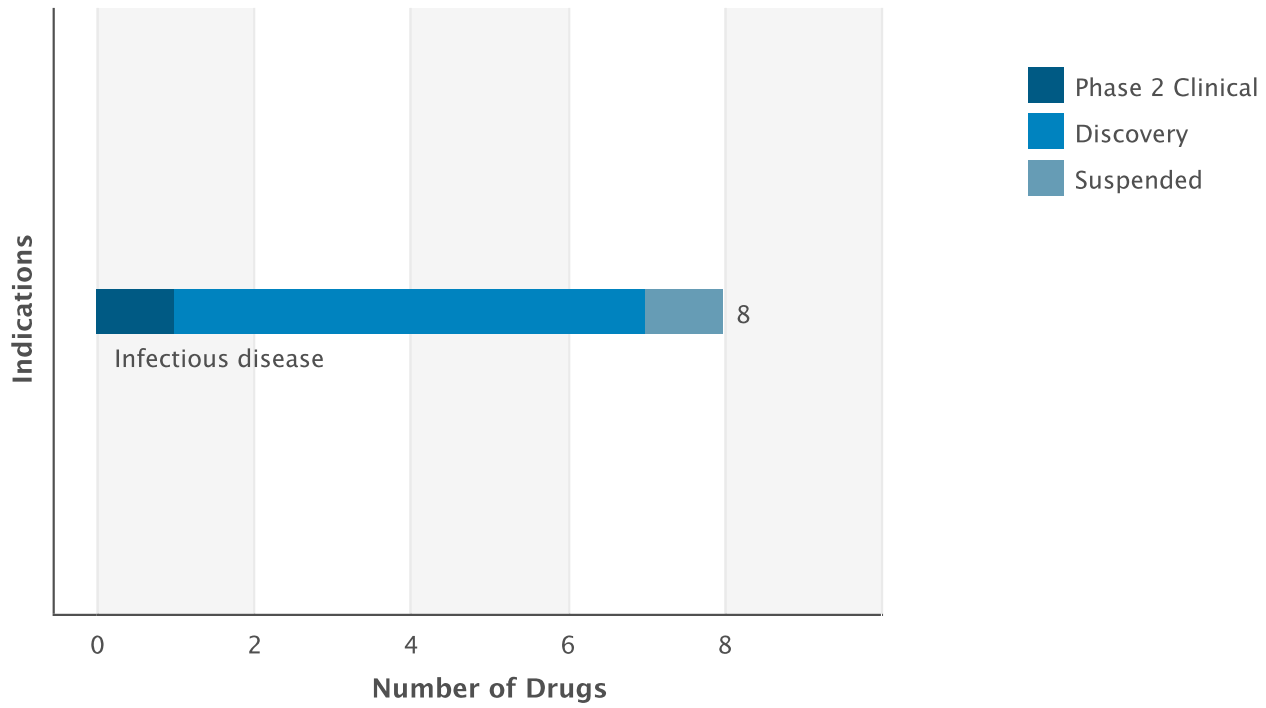
PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



Drugs by Indication Table

Indication	Active	Inactive	Total
Infectious disease	8	5	13
Inflammatory disease	0	5	5
Gastrointestinal disease	0	4	4
Cardiovascular disease	0	1	1
Metabolic disorder	0	1	1
Neurological disease	0	1	1
Injury	0	1	1
Musculoskeletal disease	0	1	1
Endocrine disease	0	1	1
Ocular disease	0	1	1

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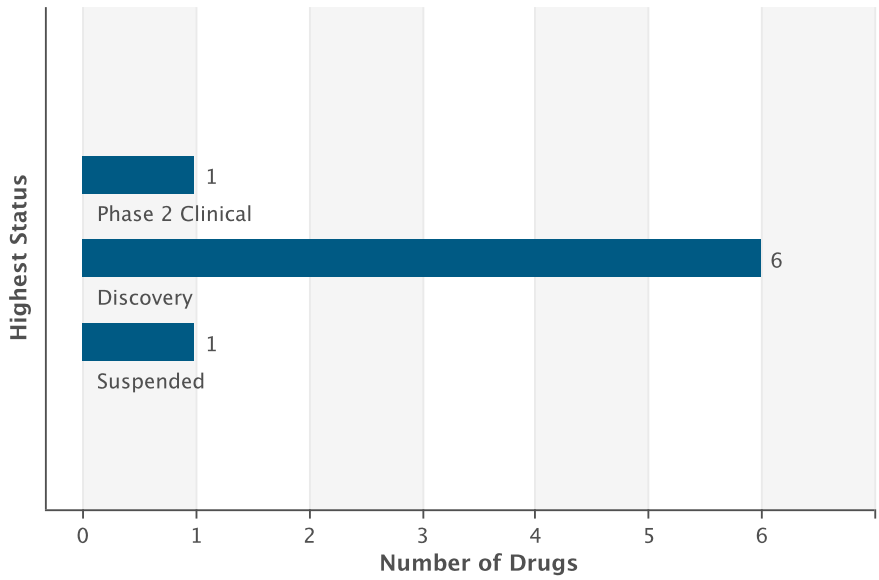
Drugs by Highest Status

Active Drugs by Highest Status Chart



Drugs by Highest Status Table

Development Status	Number of Drugs
Phase 2 Clinical	1
Discovery	6
Suspended	1
Discontinued	1
No Development Reported	6

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DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drug - Discovery/Design	3	0	1	0	4
Technology - Other Proprietary	5	0	0	0	5
Drug - Funding	2	0	0	0	2
Drug - Early Research/Development	1	0	2	0	3
Drug - Development/Commercialization License	3	0	0	0	3
Drug - Development Services	6	0	0	0	6
Technology - Target Validation	0	1	0	1	1

CLINICAL TRIALS

Trials by Condition Studied

Condition Studied	Ongoing	All
Infectious disease	1	4
Gastrointestinal disease	0	3
Inflammatory disease	0	3

Trials by Phase

Phase	Ongoing	All
Phase 2	1	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	1	0	1
Endocrine disease	1	0	1

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Gastrointestinal disease	13	0	13
Genitourinary disease	1	0	1
Degeneration	1	0	1
Immune disorder	1	0	1
Ocular disease	2	0	2
Metabolic disorder	1	0	1
Neurological disease	2	0	2
Respiratory disease	3	0	3
Infectious disease	20	0	20
Injury	1	0	1
Inflammatory disease	16	0	16
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

SCY-078

SCY-078 SNAPSHOT

Drug Name	SCY-078
Key Synonyms	
Originator Company	Merck & Co Inc
Active Companies	R-Pharm;SCYNEXIS Inc
Inactive Companies	Merck & Co Inc
Highest Status	Phase 2 Clinical
Active Indications	Candida infection;Fungal infection
Target-based Actions	1,3 beta glucan synthase inhibitor
Other Actions	Fungicide;Glucan synthesis inhibitor
Technologies	Natural product;Oral formulation;Small molecule therapeutic
Last Change Date	12-Jan-2015

SCY-078 DEVELOPMENT PROFILE

SUMMARY

SCYNEXIS and R-Pharm, formerly in collaboration with Merck, are developing SCY-078 (formerly MK-3118; structure shown), the lead from analogs of enfumafungin, a triterpene glycoside derived from a culture belonging to the genus Hormonema, as beta-(1,3) D glucan synthase inhibitors for the potential oral treatment of fungal infections, including invasive candidiasis,,.

In September 2014, a phase II trial was initiated in the US in hospitalized non-neutropenic adults with invasive candidiasis.

Merck & Co was previously developing the drug in collaboration with SCYNEXIS . However in May 2013, following a review and prioritization of Merck's infectious disease pipeline, rights were returned to SCYNEXIS.

SCYNEXIS is also investigating intavenous formulations of SCY-078.

SCY-078 DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date

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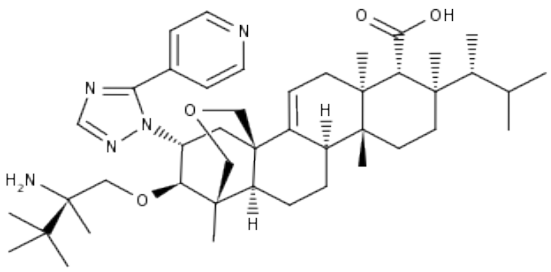
Company	Indication	Country	Development Status	Date
SCYNEXIS Inc	Candida infection	US	Phase 2 Clinical	27-Sep-2014
SCYNEXIS Inc	Fungal infection	US	Phase 1 Clinical	31-Oct-2009
R-Pharm	Fungal infection	Russian Federation	Discovery	10-Sep-2013
Merck & Co Inc	Fungal infection	US	Discontinued	29-May-2013

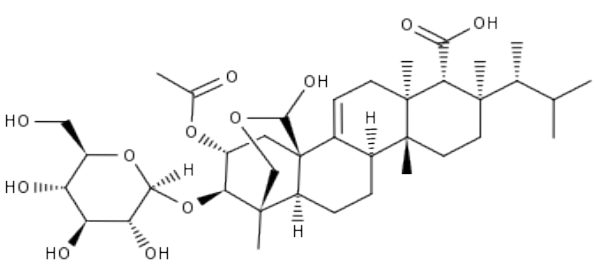
SCY-078 CHEMICAL STRUCTURES

CAS Registry Number:	Confidence Level:
	4



Name	Type
SCY-078	Research Code
MK-3118	Research Code

CAS Registry Number:	Confidence Level:
	3



Name	Type
enfumafungin	

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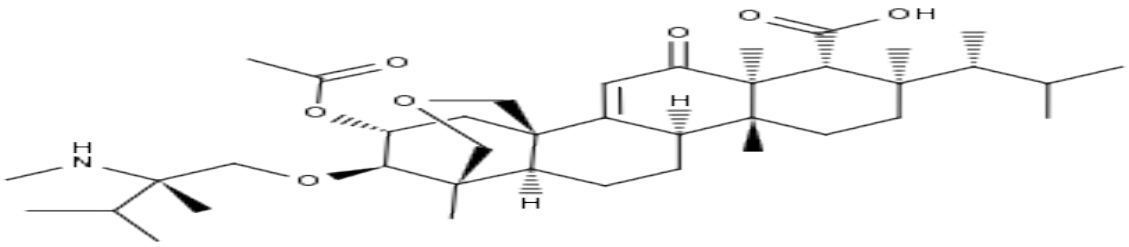

CAS Registry Number:	Confidence Level:
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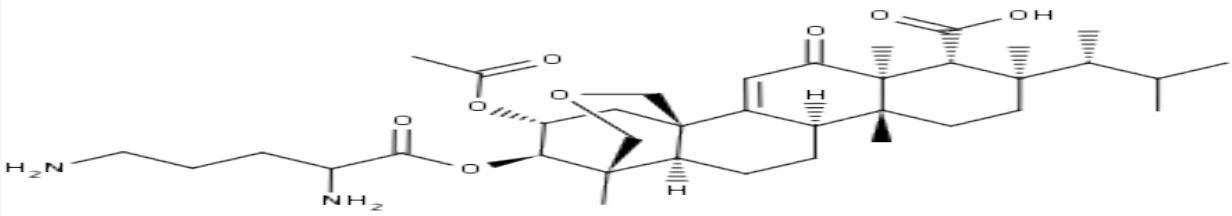

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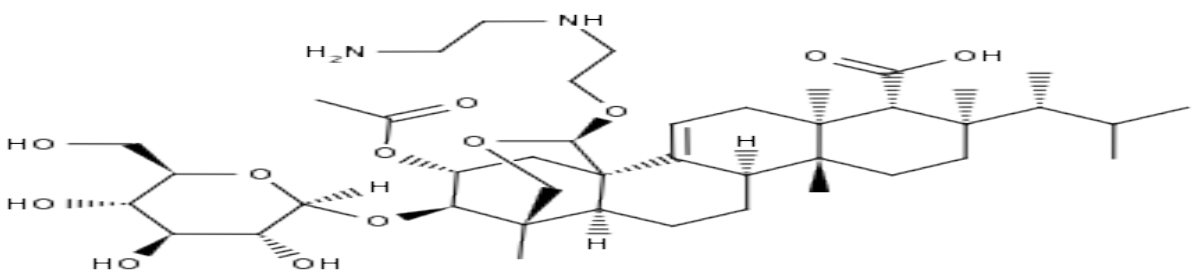

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CAS Registry Number:	Confidence Level:
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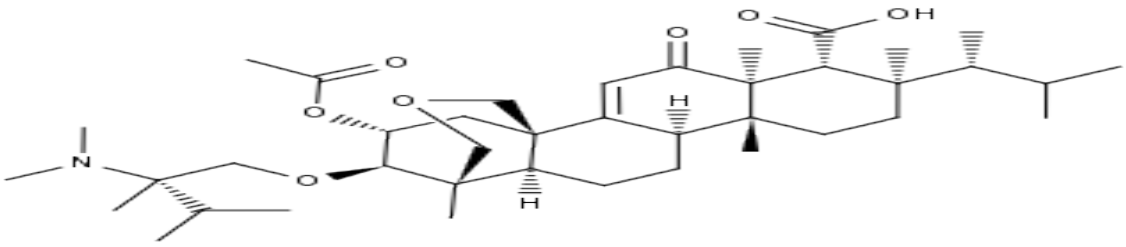

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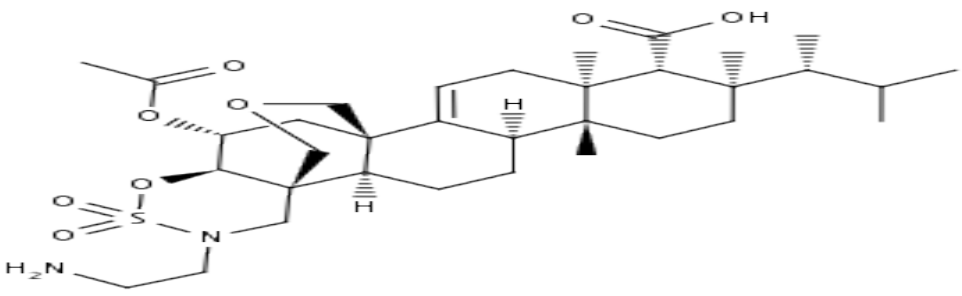

SCY-078 DRUG NAMES

Names	Type
MK-3118	Research Code
antifungal compounds (1,3 beta glucan synthase inhibitors), Merck/SCYNEXIS	
SCY-078	Research Code
enfumafungin analogs (antifungal), Merck & Co/SCYNEXIS	
enfumafungin	
triterpene glycoside analogs (antifungal), Merck & Co	
enfumafungin (antifungal), Merck & Co	

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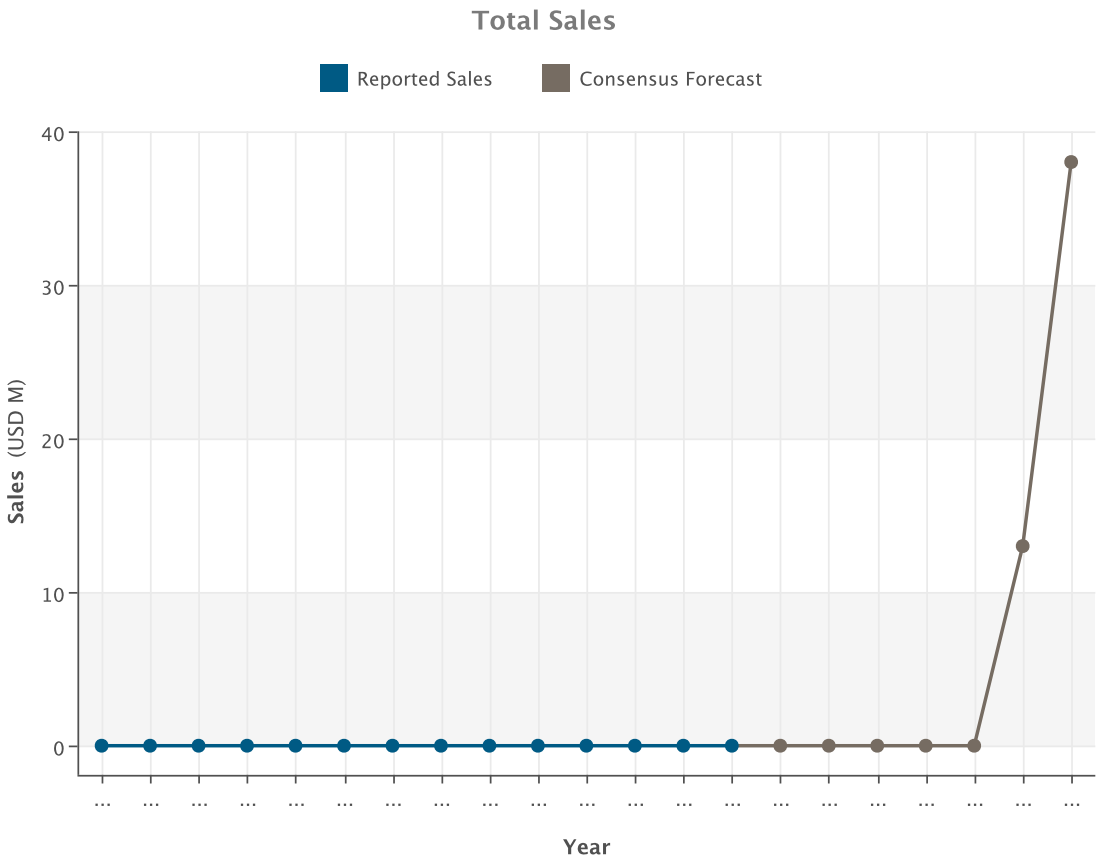
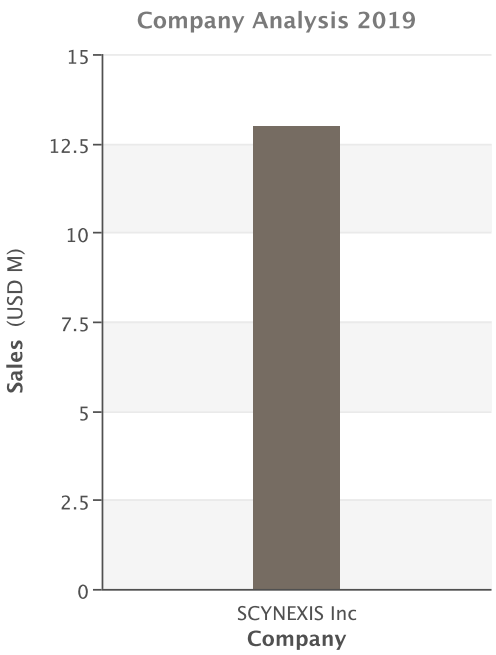
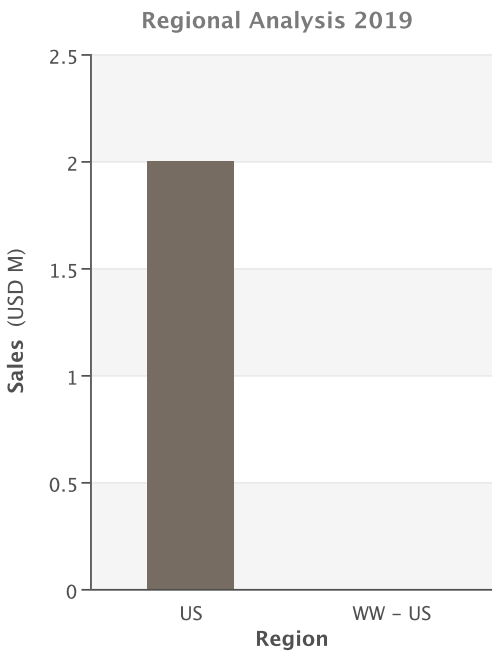
SCY-078 SALES AND FORECASTS

CHARTS







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COMMENTARY

CONSENSUS SALES INFORMATION

Consensus forecast data for Scynexis are presented. No Consensus forecast data for R-Pharm are currently available.

REGIONAL DEVELOPMENT AND MARKETING RIGHTS

In September 2013, SCYNEXIS signed an exclusive agreement with R-Pharm to develop and commercialize SCY-078 for fungal infections in Russia, the Commonwealth of Independent States (CIS) countries and Turkey [1475286].

The drug was originally discovered through a 2002 deal which paired Merck's screening targets with SCYNEXIS's lead optimization technology, from which SCY-078 was the first clinical candidate [456447]. In May 2013, Merck returned worldwide development and commercialization rights for antifungal compound MK-3118 to SCYNEXIS [1430222].

SCY-078 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
Candida infection											
0	0	0	0	1	1	0	0	0	0	1	1
Fungal infection											
0	0	0	0	0	0	0	1	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	1	1	0	2	0	0	1	3

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

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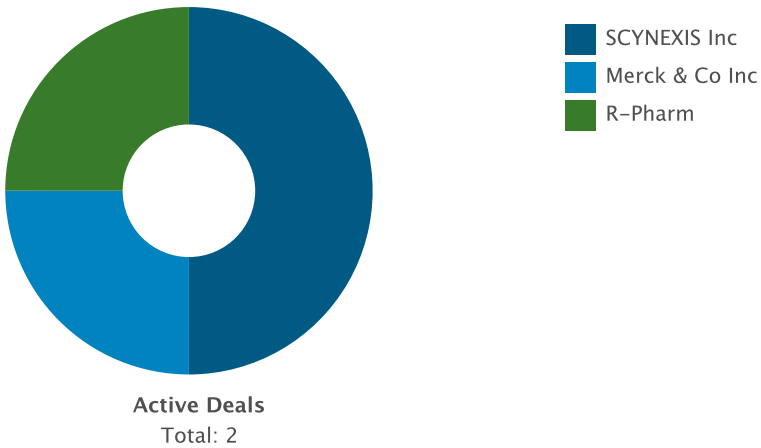
SCY-078 DEALS AND PATENTS

DEALS

Deals by Parent Company Chart



Deals by Parent Company Table

Company Name	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
SCYNEXIS Inc	2	0	0	0	2
R-Pharm	0	0	1	0	1
Merck & Co Inc	0	0	1	0	1

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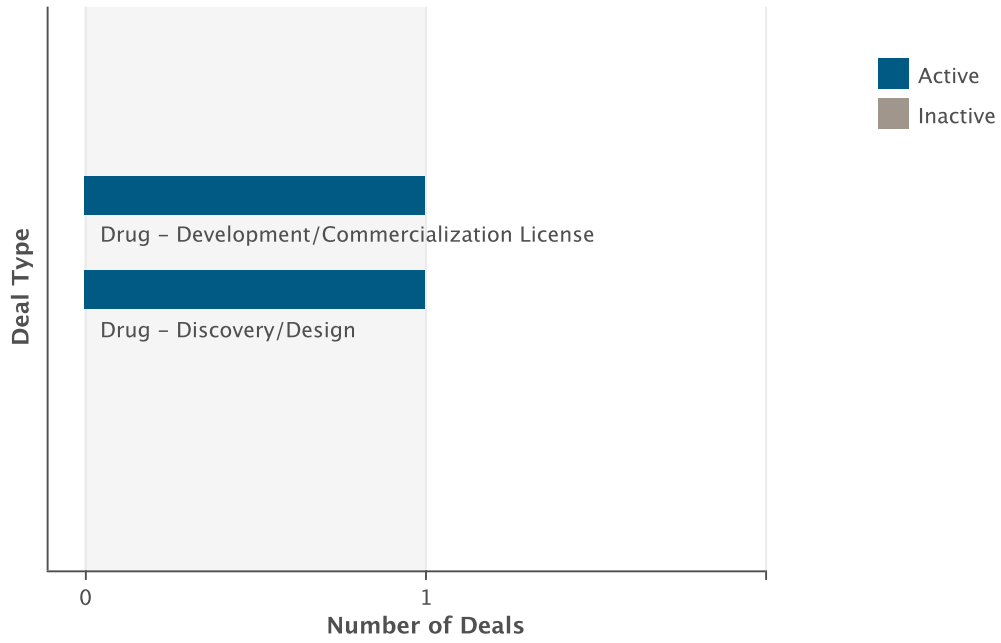
Deals by Type Chart



Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - Development/Commercialization License	1	0	1
Drug - Discovery/Design	1	0	1

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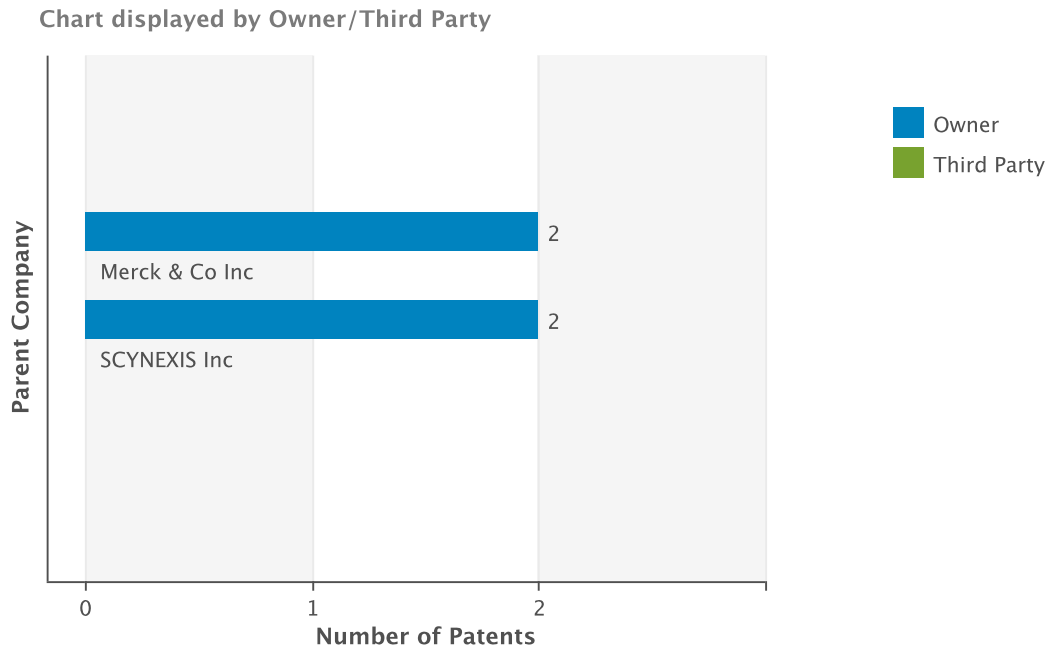
PATENTS

Patents by Parent Company Chart



Patents by Parent Company Table

Company Name	As Owner	As Third Party	Total
SCYNEXIS Inc	2	0	2
Merck & Co Inc	2	0	2

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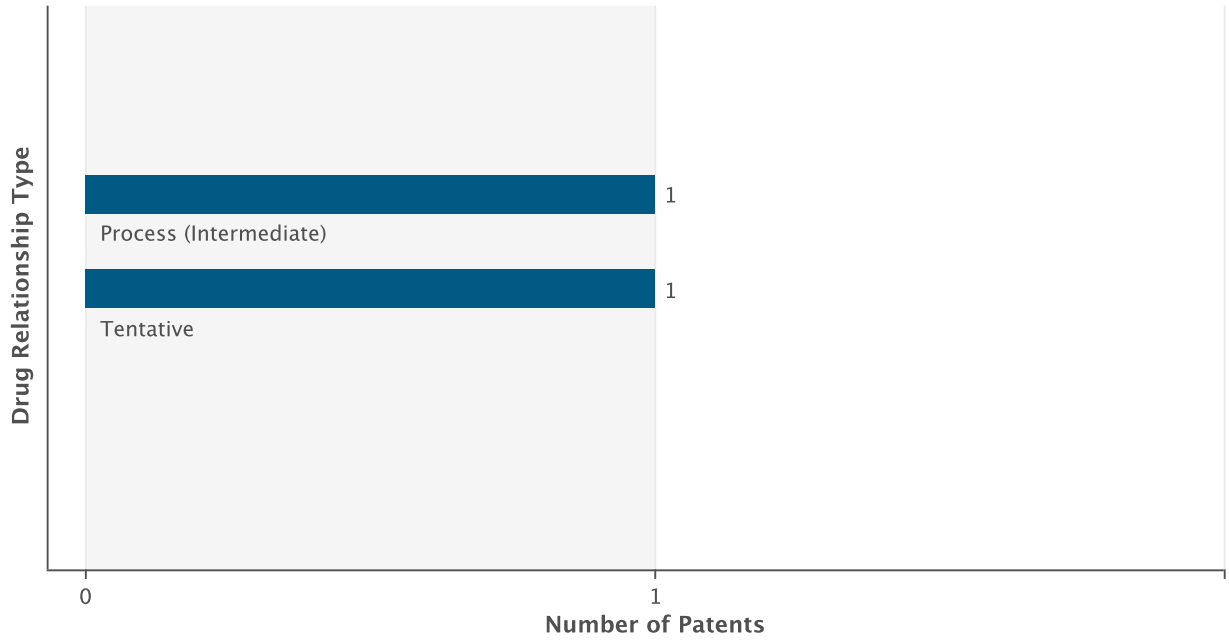
Patents by Drug Relationship Type Chart



Patents by Drug Relationship Type Table

Drug Relationship	Total
Tentative	1
Process (Intermediate)	1

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SCYX-7158

SCYX-7158 SNAPSHOT

Drug Name	SCYX-7158
Key Synonyms	
Originator Company	SCYNEXIS Inc
Active Companies	SCYNEXIS Inc;Drugs for Neglected Diseases Initiative;Anacor Pharmaceuticals Inc;Pace University
Inactive Companies	
Highest Status	Phase 1 Clinical
Active Indications	Trypanosoma cruzi infection;Trypanosoma brucei infection
Target-based Actions	
Other Actions	Antiparasitic;Unspecified drug target
Technologies	Oral formulation;Small molecule therapeutic
Last Change Date	30-Jan-2015

SCYX-7158 DEVELOPMENT PROFILE

SUMMARY

SCYNEXIS, Anacor Pharmaceuticals, Pace University and the Drugs for Neglected Diseases Initiative (DNDi) are developing SCYX-7158 (AN-5568), the lead in an oxaborole series, including AN-2920, AN-3520 and SCYX-6759 (AN-4169), for the potential oral treatment of human African trypanosomiasis (HAT, sleeping sickness, Trypanosoma brucei infection) and Chagas disease (Trypanosoma cruzi infection). In February 2012, DNDi initiated a phase I trial of SCYX-7158. In January 2014, the drug was listed as being in phase I development. In December 2013, data from phase I trial was expected in the first half of 2014 and a phase II/III trial was expected to be initiated in the second half of 2014. In March 2011, Anacor was seeking to outlicense the program. In September 2014, the company was planning to conduct pivotal efficacy study.

SCYX-7158 DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
Drugs for Neglected Diseases Initiative	Trypanosoma brucei infection	France	Phase 1 Clinical	15-Feb-2012
Anacor Pharmaceuticals Inc	Trypanosoma brucei infection	US	Discovery	11-Dec-2008
Anacor Pharmaceuticals Inc	Trypanosoma cruzi infection	US	Discovery	31-Dec-2007
Drugs for Neglected Diseases Initiative	Trypanosoma cruzi infection	US	Discovery	31-Dec-2007
Pace University	Trypanosoma brucei infection	US	Discovery	11-Dec-2008

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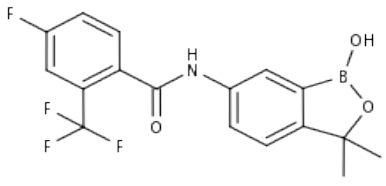
Company	Indication	Country	Development Status	Date
SCYNEXIS Inc	Trypanosoma brucei infection	US	Discovery	11-Dec-2008
SCYNEXIS Inc	Trypanosoma cruzi infection	US	Discovery	15-Aug-2010

SCYX-7158 CHEMICAL STRUCTURES

CAS Registry Number:	Confidence Level:
	4



Name	Type
SCYX-7158	Research Code

CAS Registry Number:	Confidence Level:
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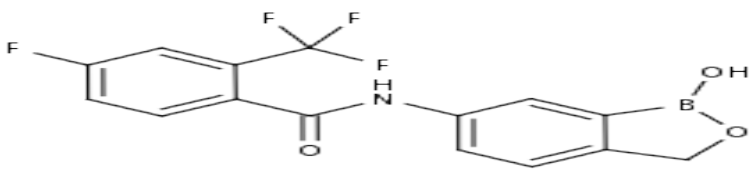

Name	Type
SCYX-6759	Research Code
AN-4169	Research Code

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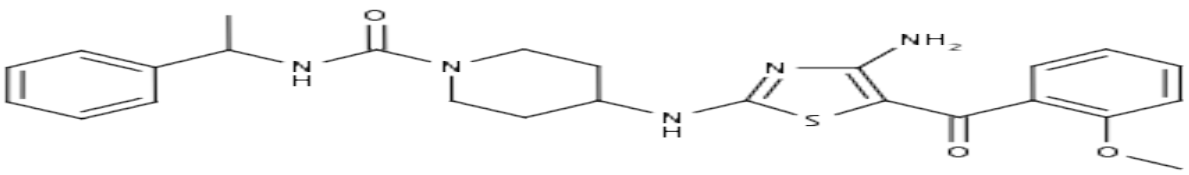
CAS Registry Number:	Confidence Level:
	4



CAS Registry Number:	Confidence Level:
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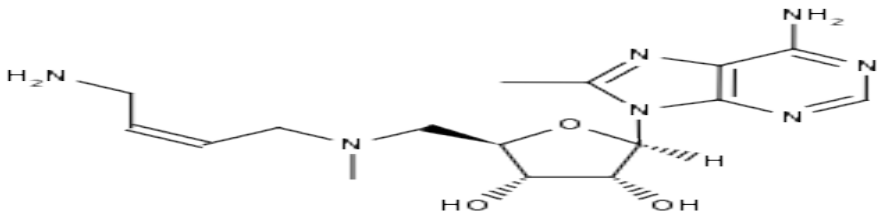

CAS Registry Number:	Confidence Level:
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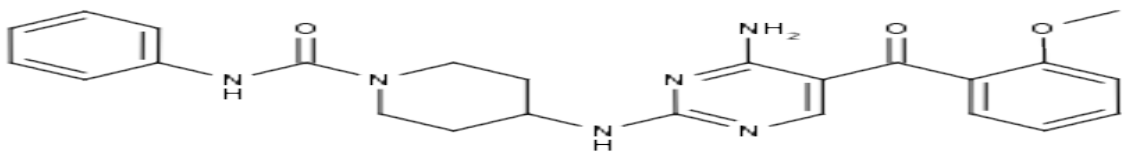

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SCYX-7158 DRUG NAMES

Names	Type
AN-4169	Research Code
SCYX-7158	Research Code
AN-2920	Research Code
AN-3520	Research Code
AN-5568	Research Code
SCYX-6759	Research Code
oxaborole series (human African trypanosomiasis), SCYNEXIS/DNDi/Pace University/Anacor Pharmaceuticals	
trypanocidal compounds, SCYNEXIS/DNDi/Pace University/Anacor Pharmaceuticals	
boron based antiparasitic compounds (chagas disease), Anacor Pharmaceuticals/DNDi	

SCYX-7158 CLINICAL TRIALS

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	1	0	0	0	1

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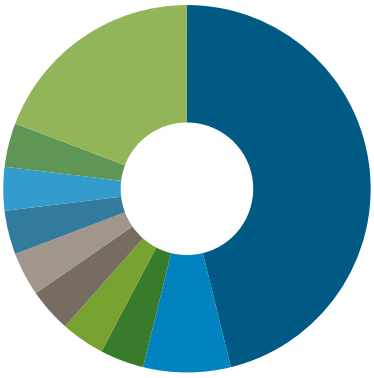
SCYX-7158 DEALS AND PATENTS

DEALS

Deals by Parent Company Chart



Active Deals
Total: 13

- Drugs for Neglected Diseases Initiative
- SCYNEXIS Inc
- Advinus Therapeutics Ltd
- Anacor Pharmaceuticals Inc
- Bill & Melinda Gates Foundation
- Department for International Development
- German Government
- Médecins Sans Frontières
- Netherlands Government
- Other

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Deals by Parent Company Table

Company Name	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drugs for Neglected Diseases Initiative	10	0	2	0	12
SCYNEXIS Inc	2	0	0	0	2
Médecins Sans Frontières	0	0	1	0	1
Swiss Agency for Development and Cooperation	0	0	1	0	1
Sanofi	0	0	1	0	1
Penn Pharmaceuticals Ltd	0	0	1	0	1
Anacor Pharmaceuticals Inc	1	0	0	0	1
Pace University	0	0	1	0	1
Advinus Therapeutics Ltd	0	0	1	0	1
Spanish Government	0	0	1	0	1
Netherlands Government	0	0	1	0	1
Bill & Melinda Gates Foundation	0	0	1	0	1
Department for International Development	0	0	1	0	1
German Government	0	0	1	0	1

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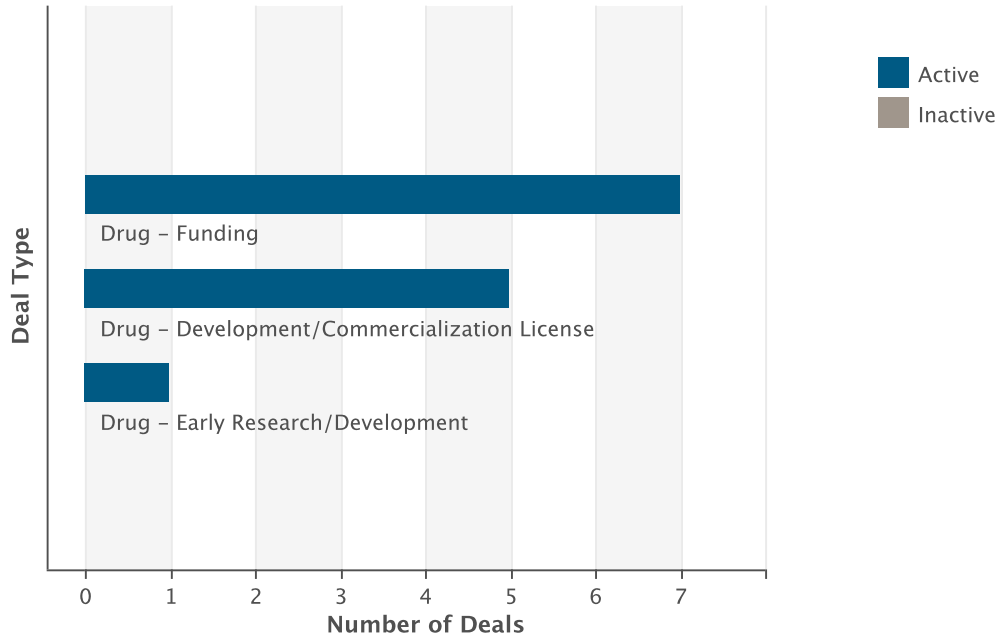
Deals by Type Chart



Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - Funding	7	0	7
Drug - Development/Commercialization License	5	0	5
Drug - Early Research/Development	1	0	1

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serine hydrolase inhibitors (viral/parasitic infections), Abide/SCYNEXIS

serine hydrolase inhibitors (viral/parasitic infections), Abide/SCYNEXIS SNAPSHOT

Drug Name	serine hydrolase inhibitors (viral/parasitic infections), Abide/SCYNEXIS
Key Synonyms	
Originator Company	Abide Therapeutics Inc
Active Companies	SCYNEXIS Inc;Abide Therapeutics Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Parasitic infection
Target-based Actions	Hydrolase inhibitor
Other Actions	Antiparasitic;Antiviral
Technologies	Small molecule therapeutic
Last Change Date	15-Dec-2014

serine hydrolase inhibitors (viral/parasitic infections), Abide/SCYNEXIS DEVELOPMENT PROFILE

SUMMARY

Abide Therapeutics, in collaboration with SCYNEXIS, are investigating serine hydrolase inhibitors for the potential treatment of parasitic infections including malaria, leishmania and filarial worm. In December 2014, development was presumed to be ongoing.

Abide Therapeutics and SCYNEXIS, were previously investigating serine hydrolase inhibitors for the potential treatment of viral infections.

serine hydrolase inhibitors (viral/parasitic infections), Abide/SCYNEXIS DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
Abide Therapeutics Inc	Parasitic infection	US	Discovery	28-Mar-2012
SCYNEXIS Inc	Parasitic infection	US	Discovery	28-Mar-2012
Abide Therapeutics Inc	Viral infection	US	No Development Reported	14-Oct-2014
SCYNEXIS Inc	Viral infection	US	No Development Reported	14-Oct-2014

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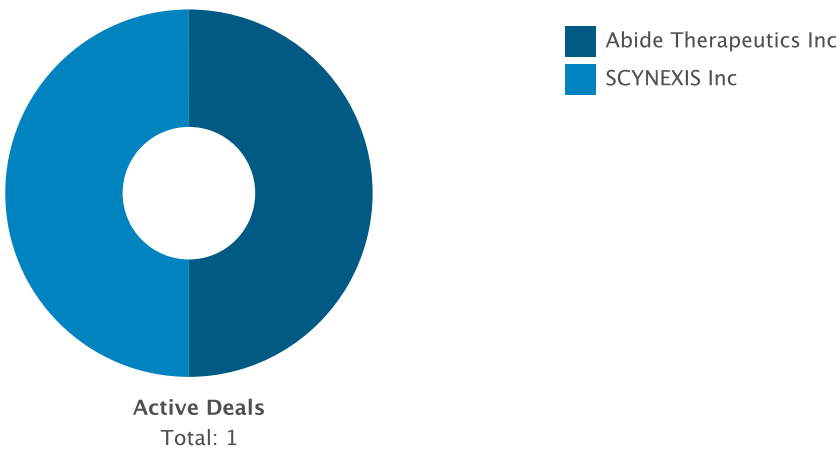
serine hydrolase inhibitors (viral/parasitic infections), Abide/SCYNEXIS DRUG NAMES

Names	Type
serine hydrolase inhibitors (viral/parasitic infections), Abide/SCYNEXIS	

serine hydrolase inhibitors (viral/parasitic infections), Abide/SCYNEXIS DEALS AND PATENTS

DEALS

Deals by Parent Company Chart



Deals by Parent Company Table

Company Name	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
SCYNEXIS Inc	0	0	1	0	1
Abide Therapeutics Inc	1	0	0	0	1

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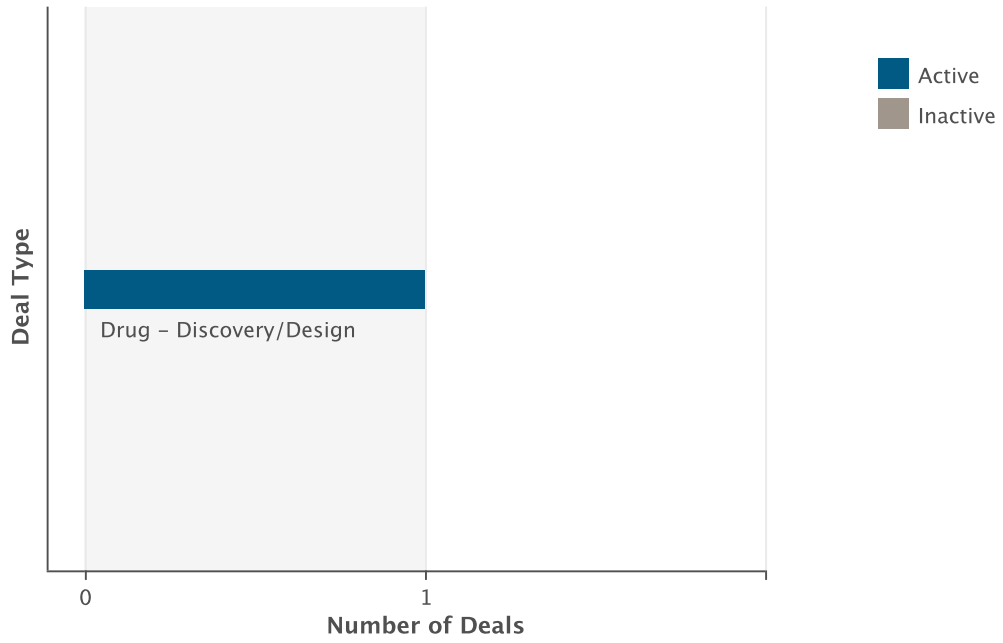
Deals by Type Chart



Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - Discovery/Design	1	0	1

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SCY-078 (intravenous, antifungal), SCYNEXIS

SCY-078 (intravenous, antifungal), SCYNEXIS SNAPSHOT

Drug Name	SCY-078 (intravenous, antifungal), SCYNEXIS
Key Synonyms	
Originator Company	SCYNEXIS Inc
Active Companies	SCYNEXIS Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Fungal infection
Target-based Actions	1,3 beta glucan synthase inhibitor
Other Actions	Glucan synthesis inhibitor;Fungicide
Technologies	Natural product;Biological therapeutic;Intravenous formulation
Last Change Date	16-Oct-2014

SCY-078 (intravenous, antifungal), SCYNEXIS DEVELOPMENT PROFILE

SUMMARY

SCYNEXIS is investigating an intravenous formulation of SCY-078 (formerly MK-3118), an active inhibitor of glucan synthesis the lead from analogs of enfumafungin, a triterpene glycoside derived from a culture belonging to the genus Hormonema, as beta-(1,3) D glucan synthase inhibitors, for the potential treatment of fungal infections caused by Candida and Aspergillus species,. In October 2014, the company planned to begin clinical studies in 2015.

SCYNEXIS is also developing an oral formulation of SCY-078 for the potential treatment of fungal infections.

SCY-078 (intravenous, antifungal), SCYNEXIS DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
SCYNEXIS Inc	Fungal infection	US	Discovery	05-Jun-2013

SCY-078 (intravenous, antifungal), SCYNEXIS CHEMICAL STRUCTURES

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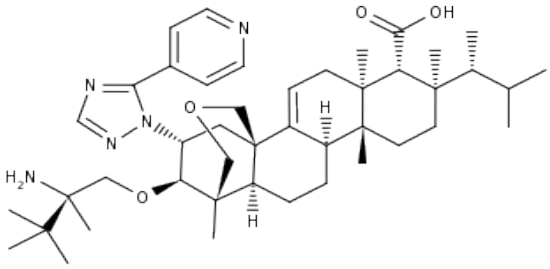
CAS Registry Number:	Confidence Level:
	4



Name	Type
MK-3118	Research Code
SCY-078	Research Code

SCY-078 (intravenous, antifungal), SCYNEXIS DRUG NAMES

Names	Type
SCY-078	Research Code
SCY-078 (intravenous, antifungal), SCYNEXIS	
MK-3118	Research Code

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oxaborole series (visceral leishmaniasis/Chagas disease), Anacor Pharmaceuticals/DNDi

oxaborole series (visceral leishmaniasis/Chagas disease), Anacor Pharmaceuticals/DNDi SNAPSHOT

Drug Name	oxaborole series (visceral leishmaniasis/Chagas disease), Anacor Pharmaceuticals/DNDi
Key Synonyms	
Originator Company	Anacor Pharmaceuticals Inc
Active Companies	London School of Hygiene and Tropical Medicine;SCYNEXIS Inc;Anacor Pharmaceuticals Inc;University of Antwerp;Drugs for Neglected Diseases Initiative
Inactive Companies	
Highest Status	Discovery
Active Indications	Leishmania donovani infection;Trypanosoma cruzi infection
Target-based Actions	
Other Actions	Antiparasitic;Unspecified drug target
Technologies	Small molecule therapeutic
Last Change Date	02-Sep-2014

oxaborole series (visceral leishmaniasis/Chagas disease), Anacor Pharmaceuticals/DNDi DEVELOPMENT PROFILE

SUMMARY

Anacor Pharmaceuticals, Drugs for Neglected Diseases initiative (DNDi) and its partners SCYNEXIS, University of Antwerp and The London School of Hygiene and Tropical Medicine (LSHTM), are investigating Oxaleish (DNDi-2035804), a lead from a series of oxaboroles, for the potential treatment of visceral leishmaniasis (VL) and Chagas disease, ,. In March 2011, the program was listed as being in research on Anacor's pipeline; in January 2014, this was still the case. In August 2014, preclinical efficacy, pharmacokinetics, and safety profiling of the lead compound was ongoing.

oxaborole series (visceral leishmaniasis/Chagas disease), Anacor Pharmaceuticals/DNDi DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
Anacor Pharmaceuticals Inc	Leishmania donovani infection	US	Discovery	31-Dec-2007
Anacor Pharmaceuticals Inc	Trypanosoma cruzi infection	US	Discovery	31-Dec-2007
Drugs for Neglected Diseases Initiative	Leishmania donovani infection	Switzerland	Discovery	31-Dec-2007
Drugs for Neglected Diseases Initiative	Trypanosoma cruzi infection	Switzerland	Discovery	31-Dec-2007
London School of Hygiene and Tropical Medicine	Leishmania donovani infection	UK	Discovery	31-Aug-2014

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Company	Indication	Country	Development Status	Date
SCYNEXIS Inc	Leishmania donovani infection	US	Discovery	31-Aug-2014
University of Antwerp	Leishmania donovani infection	Belgium	Discovery	31-Aug-2014

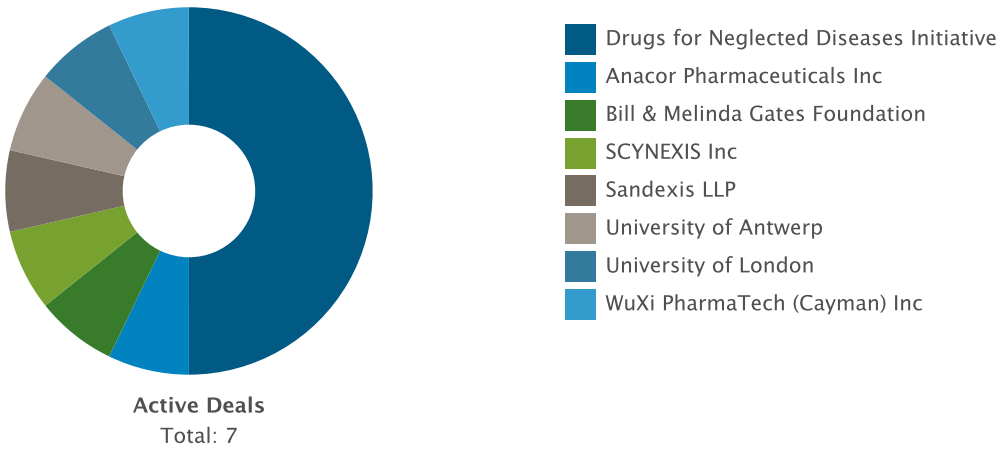
oxaborole series (visceral leishmaniasis/Chagas disease), Anacor Pharmaceuticals/DNDi DRUG NAMES

Names	Type
DNDi-2035804	Research Code
Oxaleish	
oxaborole series (visceral leishmaniasis/Chagas disease), Anacor Pharmaceuticals/DNDi	
boron based antiparasitic compounds (visceral leishmaniasis/Chagas disease), Anacor Pharmaceuticals/DNDi	

oxaborole series (visceral leishmaniasis/Chagas disease), Anacor Pharmaceuticals/DNDi DEALS AND PATENTS

DEALS

Deals by Parent Company Chart



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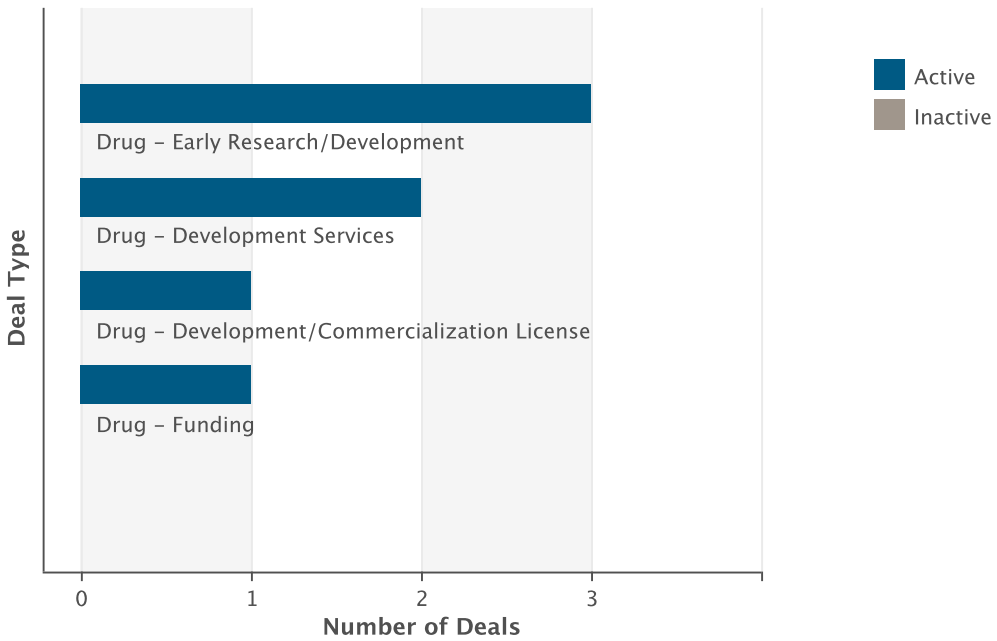
Deals by Parent Company Table

Company Name	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drugs for Neglected Diseases Initiative	2	0	5	0	7
WuXi PharmaTech (Cayman) Inc	1	0	0	0	1
Sandexis LLP	1	0	0	0	1
SCYNEXIS Inc	0	0	1	0	1
Anacor Pharmaceuticals Inc	1	0	0	0	1
University of London	1	0	0	0	1
Bill & Melinda Gates Foundation	0	0	1	0	1
University of Antwerp	1	0	0	0	1

Deals by Type Chart



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Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - Early Research/Development	3	0	3
Drug - Development Services	2	0	2
Drug - Development/Commercialization License	1	0	1
Drug - Funding	1	0	1

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Oxachagas

Oxachagas SNAPSHOT

Drug Name	Oxachagas
Key Synonyms	
Originator Company	Drugs for Neglected Diseases Initiative
Active Companies	Drugs for Neglected Diseases Initiative;Murdoch University;SCYNEXIS Inc;University of Antwerp;Anacor Pharmaceuticals Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Trypanosoma cruzi infection
Target-based Actions	
Other Actions	Antiparasitic;Unspecified drug target
Technologies	Small molecule therapeutic
Last Change Date	03-Sep-2014

Oxachagas DEVELOPMENT PROFILE

SUMMARY

Drugs for Neglected Diseases Initiative in collaboration with Anacor Pharmaceuticals, SCYNEXIS, Murdoch University and University of Antwerp, is investigating Oxachagas, a program of oxaboroles, for the potential treatment of Chagas disease. By August 2014, research was underway.

Oxachagas DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
Anacor Pharmaceuticals Inc	Trypanosoma cruzi infection	US	Discovery	31-Aug-2014
Drugs for Neglected Diseases Initiative	Trypanosoma cruzi infection	Switzerland	Discovery	31-Aug-2014
Murdoch University	Trypanosoma cruzi infection	Australia	Discovery	31-Aug-2014
SCYNEXIS Inc	Trypanosoma cruzi infection	US	Discovery	31-Aug-2014
University of Antwerp	Trypanosoma cruzi infection	Belgium	Discovery	31-Aug-2014

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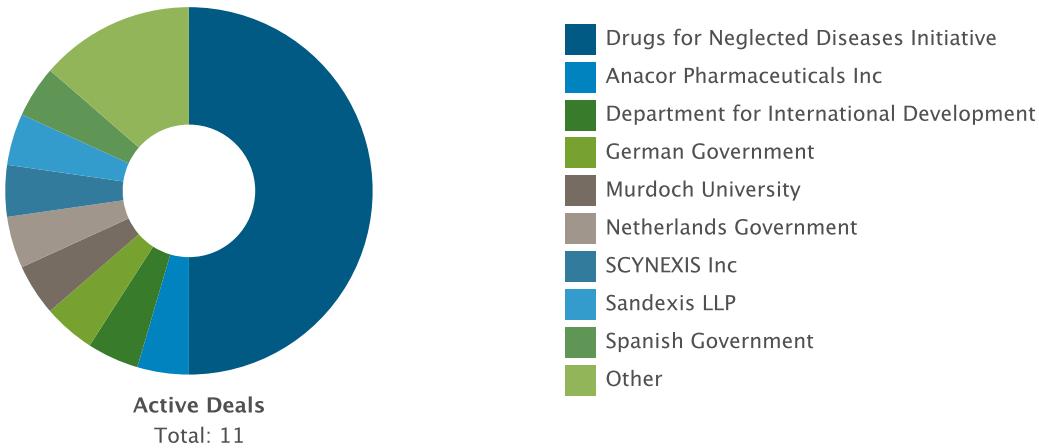
Oxachagas DRUG NAMES

Names	Type
oxaborole series (Chagas disease), DNDi/Anacor Pharmaceuticals/SCYNEXIS/Murdoch Uni/Uni of Antwerp	
Oxachagas	

Oxachagas DEALS AND PATENTS

DEALS

Deals by Parent Company Chart



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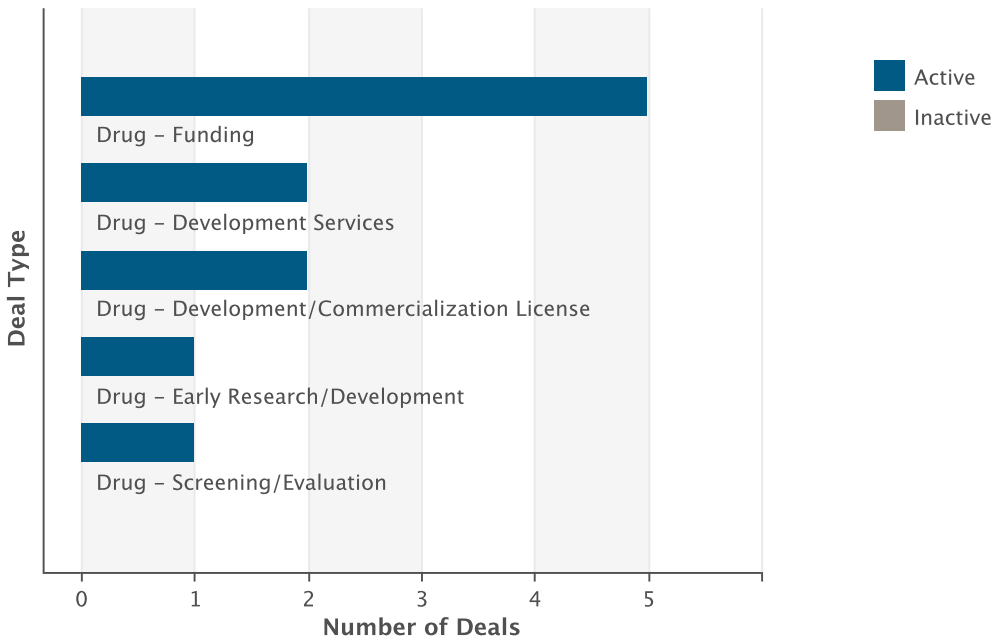
Deals by Parent Company Table

Company Name	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drugs for Neglected Diseases Initiative	5	0	6	0	11
German Government	0	0	1	0	1
WuXi PharmaTech (Cayman) Inc	1	0	0	0	1
Murdoch University	1	0	0	0	1
Sandexis LLP	1	0	0	0	1
SCYNEXIS Inc	1	0	0	0	1
Swiss Agency for Development and Cooperation	0	0	1	0	1
University of Antwerp	1	0	0	0	1
Netherlands Government	0	0	1	0	1
Department for International Development	0	0	1	0	1
Anacor Pharmaceuticals Inc	1	0	0	0	1
Spanish Government	0	0	1	0	1

Deals by Type Chart



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Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - Funding	5	0	5
Drug - Development Services	2	0	2
Drug - Development/Commercialization License	2	0	2
Drug - Early Research/Development	1	0	1
Drug - Screening/Evaluation	1	0	1

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ciclosporin analogs (fungal infection), SCYNEXIS

ciclosporin analogs (fungal infection), SCYNEXIS SNAPSHOT

Drug Name	ciclosporin analogs (fungal infection), SCYNEXIS
Key Synonyms	
Originator Company	SCYNEXIS Inc
Active Companies	SCYNEXIS Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Fungal infection
Target-based Actions	
Other Actions	Fungicide;Unspecified drug target
Technologies	Biological therapeutic;Peptide
Last Change Date	17-Feb-2015

ciclosporin analogs (fungal infection), SCYNEXIS DEVELOPMENT PROFILE

SUMMARY

SCYNEXIS is investigating a program of non-immunosuppressive ciclosporin analogs, for the potential treatment of fungal infections. In October 2014, the program was listed as being in preclinical development.

ciclosporin analogs (fungal infection), SCYNEXIS DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
SCYNEXIS Inc	Fungal infection	US	Discovery	14-Oct-2014

ciclosporin analogs (fungal infection), SCYNEXIS DRUG NAMES

Names	Type
antifungal therapeutics, SCYNEXIS	
ciclosporin analogs (fungal infection), SCYNEXIS	

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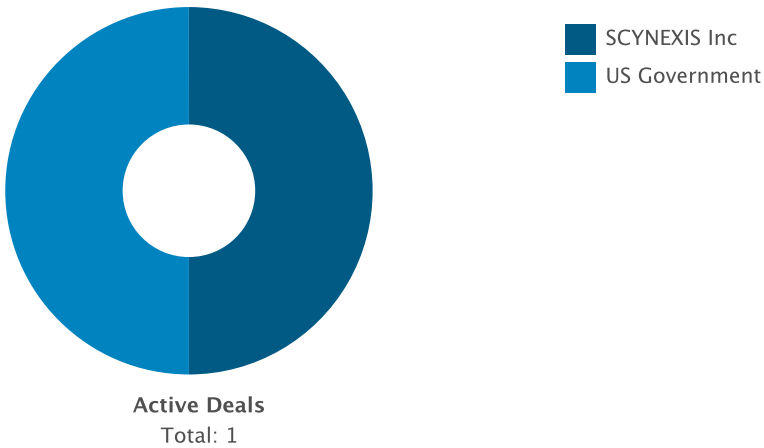
DEALS

Deals by Parent Company Chart



Deals by Parent Company Table

Company Name	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
US Government	0	0	1	0	1
SCYNEXIS Inc	1	0	0	0	1

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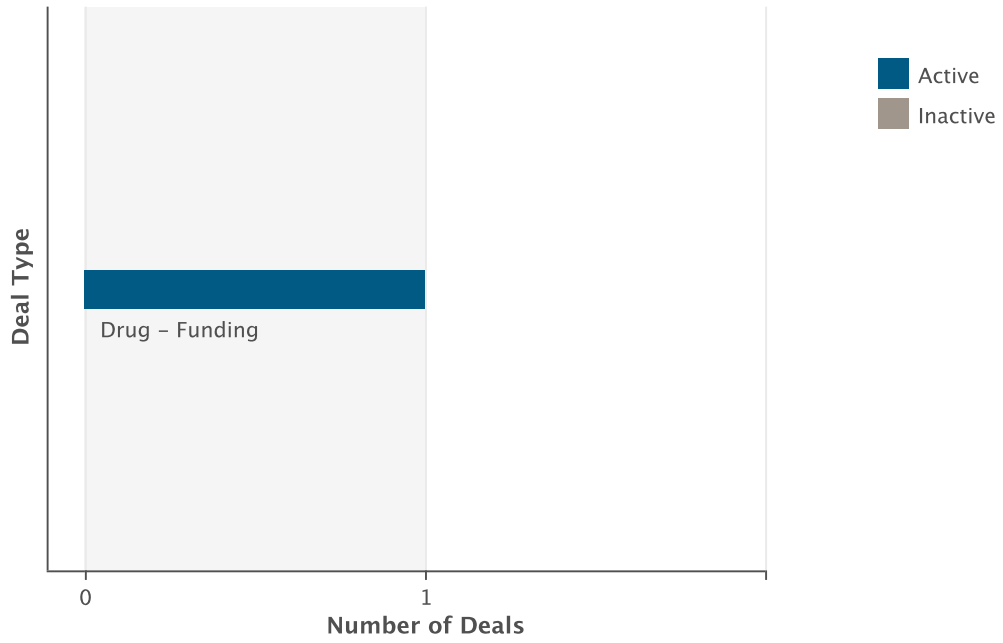
Deals by Type Chart



Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - Funding	1	0	1

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oxaborole backup compounds (human African trypanosomiasis), DNDi/Anacor/Pace University/SCYNEXIS

oxaborole backup compounds (human African trypanosomiasis), DNDi/Anacor/Pace University/SCYNEXIS SNAPSHOT

Drug Name	oxaborole backup compounds (human African trypanosomiasis), DNDi/Anacor/Pace University/SCYNEXIS
Key Synonyms	
Originator Company	Drugs for Neglected Diseases Initiative
Active Companies	Anacor Pharmaceuticals Inc;Drugs for Neglected Diseases Initiative;Pace University;SCYNEXIS Inc
Inactive Companies	
Highest Status	Suspended
Active Indications	Trypanosoma brucei infection
Target-based Actions	
Other Actions	Unspecified drug target;Antiparasitic
Technologies	Small molecule therapeutic
Last Change Date	05-Sep-2014

oxaborole backup compounds (human African trypanosomiasis), DNDi/Anacor/Pace University/SCYNEXIS DEVELOPMENT PROFILE

SUMMARY

Drugs for Neglected Diseases initiative (DNDi), SCYNEXIS, Anacor and Pace University were investigating SCYX-1608210 and SCYX-1330682 as backup compounds of SCYX-7158, an oxaborole, for the potential treatment of human African trypanosomiasis (HAT),. In April 2007, development was ongoing ; in August 2012, the program was listed as being under preclinical development. In January 2014, the program was listed as being under research. However, by September 2014, further development of both compounds was suspended; due to limited resources, DNDi would focus on the development of SCYX-7158 and fexinidazole and would only re-open the program if SCYX-7158 did not prove to be successful in clinical trials.

oxaborole backup compounds (human African trypanosomiasis), DNDi/Anacor/Pace University/SCYNEXIS DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
Anacor Pharmaceuticals Inc	Trypanosoma brucei infection	US	Suspended	03-Sep-2014
Drugs for Neglected Diseases Initiative	Trypanosoma brucei infection	Switzerland	Suspended	03-Sep-2014
Pace University	Trypanosoma brucei infection	US	Suspended	03-Sep-2014
SCYNEXIS Inc	Trypanosoma brucei infection	US	Suspended	03-Sep-2014

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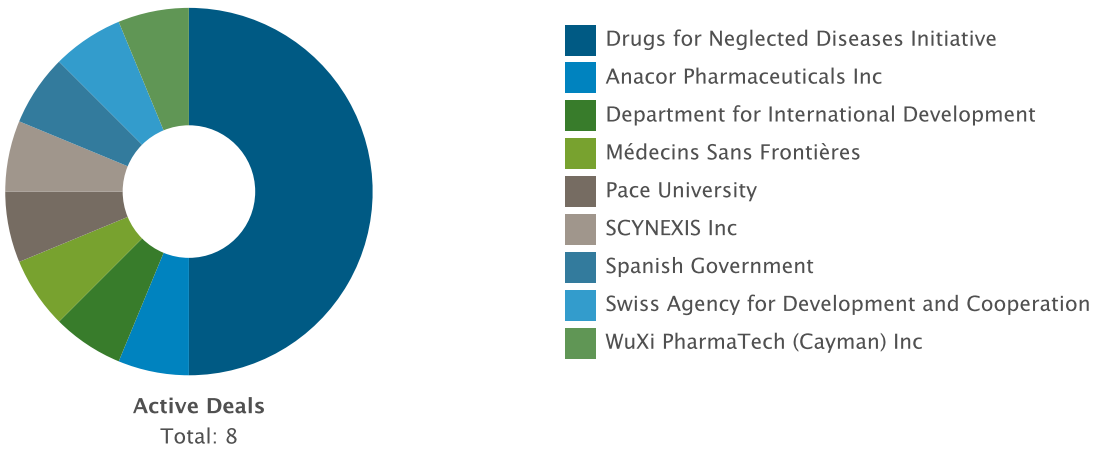
oxaborole backup compounds (human African trypanosomiasis), DNDi/Anacor/Pace University/SCYNEXIS DRUG NAMES

Names	Type
SCYX-1608210	Research Code
backup compounds of SCYX-7158 (HAT), DNDi/Anacor/Pace University/SCYNEXIS	
oxaborole backup compounds (human African trypanosomiasis), DNDi/Anacor/Pace University/SCYNEXIS	
SCYX-1330682	Research Code

oxaborole backup compounds (human African trypanosomiasis), DNDi/Anacor/Pace University/SCYNEXIS DEALS AND PATENTS

DEALS

Deals by Parent Company Chart



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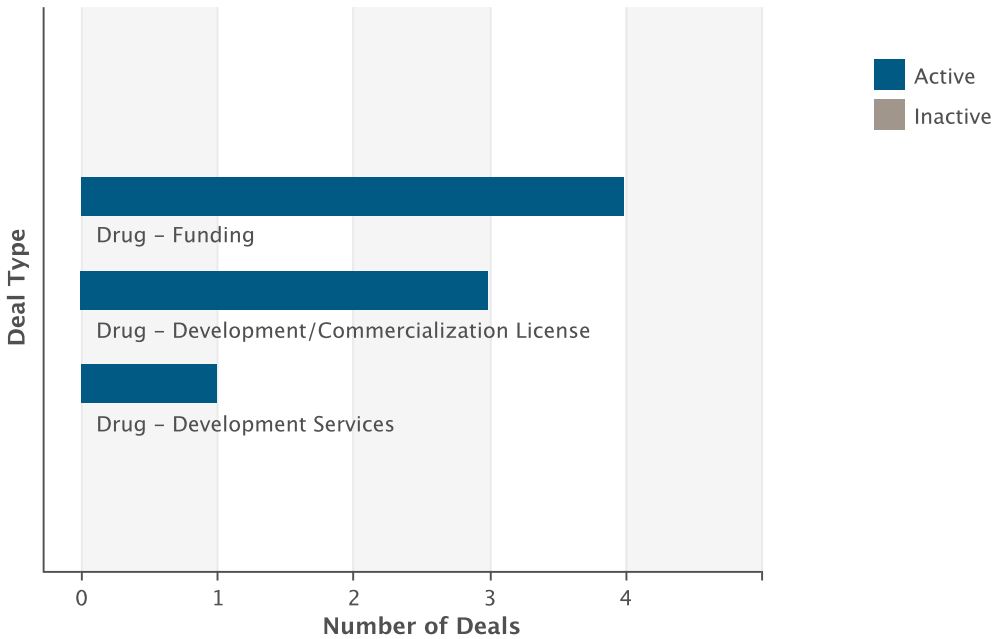
Deals by Parent Company Table

Company Name	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drugs for Neglected Diseases Initiative	4	0	4	0	8
Department for International Development	0	0	1	0	1
Médecins Sans Frontières	0	0	1	0	1
Anacor Pharmaceuticals Inc	1	0	0	0	1
WuXi PharmaTech (Cayman) Inc	1	0	0	0	1
Pace University	1	0	0	0	1
Swiss Agency for Development and Cooperation	0	0	1	0	1
SCYNEXIS Inc	1	0	0	0	1
Spanish Government	0	0	1	0	1

Deals by Type Chart



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Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - Funding	4	0	4
Drug - Development/Commercialization License	3	0	3
Drug - Development Services	1	0	1

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