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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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Return to Table of Contents

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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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

Return to Table of Contents

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	9
Number of Inactive Drugs	3
Number of Patents as Owner	21
Number of Patents as Third Party	0
Number of Deals	21
Key Indications	Hepatitis C virus infection,Fungal infection,HIV infection,Hepatitis B virus infection,Trypanosoma brucei infection,Trypanosoma cruzi infection,Inflammatory disease,Ocular infection,Parasitic infection,Viral infection
Key Target-based Actions	Peptidylprolyl isomerase inhibitor,1,3 beta glucan synthase inhibitor,Calcineurin inhibitor,Peptidyl-prolyl cis-trans isomerase D inhibitor,IL-2 antagonist,Interleukin-29 ligand
Key Technologies	Small molecule therapeutic,Oral formulation,Biological therapeutic,Capsule formulation,Intravenous formulation,Natural product,Peptide,Assay,Chemical isolation,Fermentation synthesis,Stereochemical synthesis

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.

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

Return to Table of Contents

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.

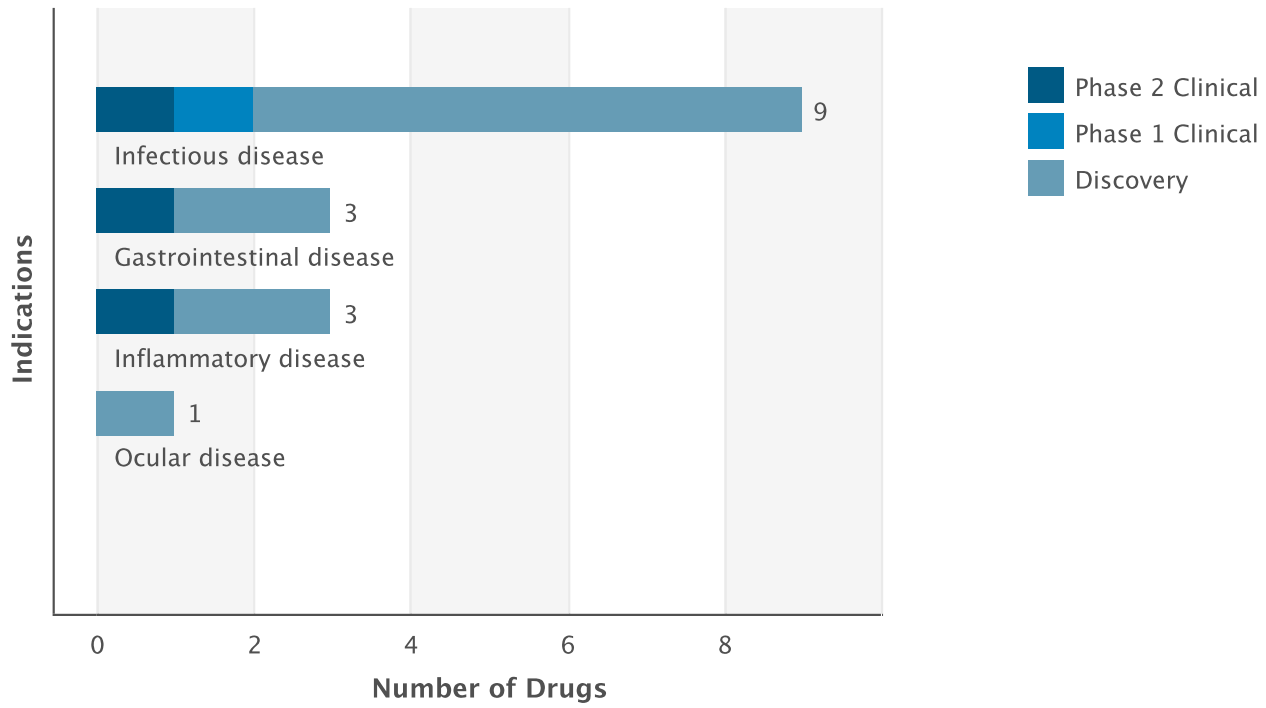
Return to Table of Contents

PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



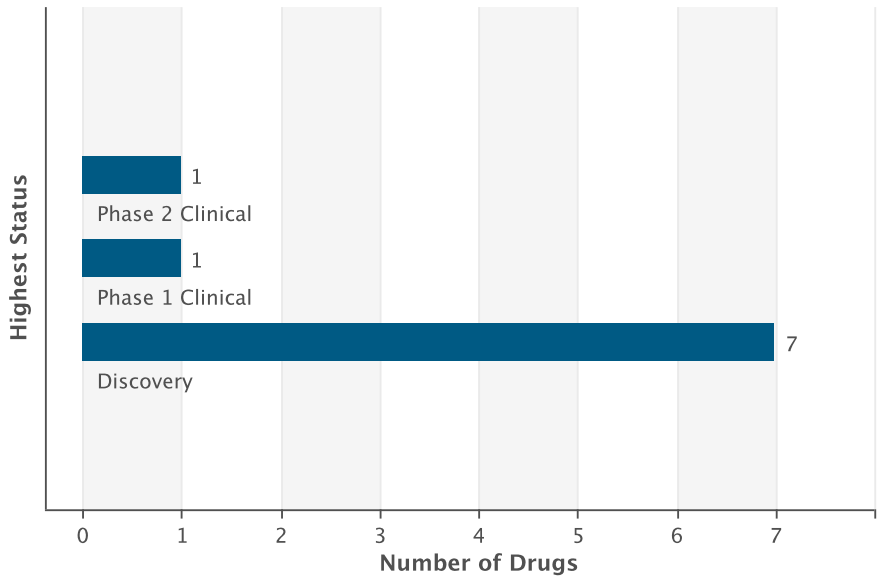
Drugs by Indication Table

Indication	Active	Inactive	Total
Infectious disease	9	1	10
Inflammatory disease	3	2	5
Gastrointestinal disease	3	1	4
Endocrine disease	0	1	1
Metabolic disorder	0	1	1
Cardiovascular disease	0	1	1
Neurological disease	0	1	1
Musculoskeletal disease	0	1	1
Ocular disease	1	0	1
Injury	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 2 Clinical	1
Phase 1 Clinical	1
Discovery	7
No Development Reported	3

Return to Table of Contents

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	1	0	0	0	1
Drug - Early Research/Development	1	0	1	0	2
Drug - Development/Commercialization License	2	0	0	0	2
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
Gastrointestinal disease	0	3
Inflammatory disease	0	3
Infectious disease	0	3

Trials by Phase

Phase	Ongoing	All
Phase 2	0	1
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

Return to Table of Contents

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.

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

SCY-635

SCY-635 SNAPSHOT

Drug Name	SCY-635
Key Synonyms	
Originator Company	SCYNEXIS Inc
Active Companies	SCYNEXIS Inc
Inactive Companies	
Highest Status	Phase 2 Clinical
Active Indications	HIV infection;Hepatitis C virus infection
Target-based Actions	Peptidylprolyl isomerase inhibitor
Other Actions	Hepatitis C virus replication inhibitor;HIV fusion inhibitor
Technologies	Oral formulation;Capsule formulation;Small molecule therapeutic;Peptide
Last Change Date	26-Nov-2012

SCY-635 DEVELOPMENT PROFILE

SUMMARY

SCYNEXIS is developing SCY-635 (structure shown), a non-immunosuppressive cyclosporin A-derivative cyclophilin inhibitor, for the potential oral capsule treatment of hepatitis C virus (HCV) infection and investigating it for the potential treatment of HIV infection. By December 2010, a phase II trial had been initiated in HCV patients ; in November 2012, data were presented.

SCY-635 DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
SCYNEXIS Inc	Hepatitis C virus infection	US	Phase 2 Clinical	22-Dec-2010
SCYNEXIS Inc	HIV infection	US	Discovery	27-Sep-2006

SCY-635 CHEMICAL STRUCTURES

Return to Table of Contents

CAS Registry Number:	Confidence Level:
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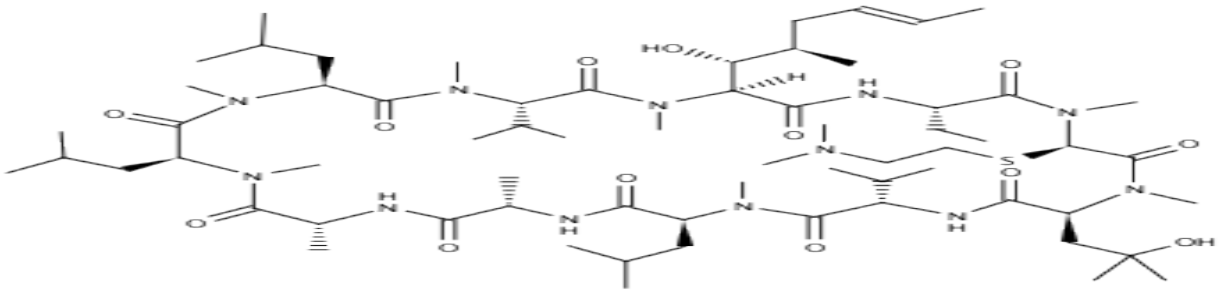
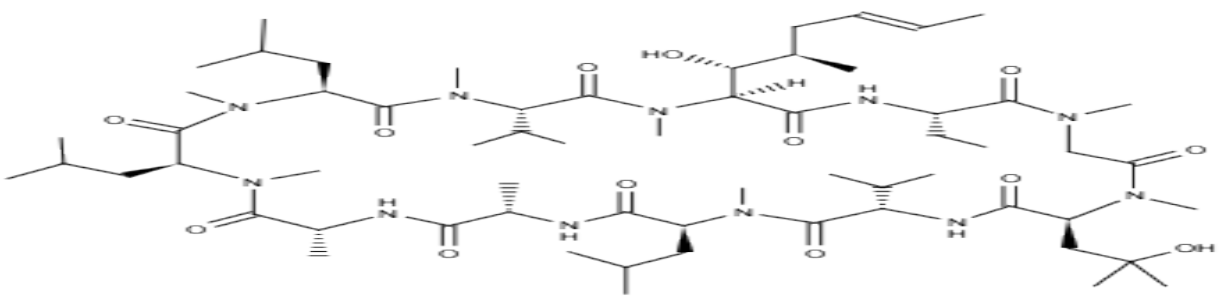


Name	Type
SCY-635	Research Code

CAS Registry Number:	Confidence Level:
	4



Name	Type
SCY-861	Research Code

SCY-635 DRUG NAMES

Names	Type
SCY-861	Research Code
cyclosporine A derivatives (HIV), Scynexis	
SCY-635	Research Code
anti-retroviral cyclophilin inhibitors (oral), Scynexis	

SCY-635 CLINICAL TRIALS

Trials by Phase and Condition Studied

Return to Table of Contents

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
Hepatitis C virus infection											
0	0	0	0	0	1	0	2	0	0	0	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	0	1	0	2	0	0	0	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)

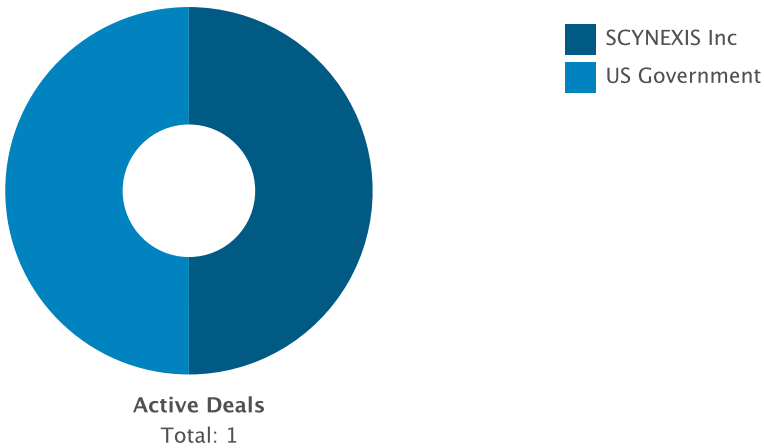
Phase 1 Clinical
Includes Phase 1, Phase 1a, Phase 1, Phase 1/2 (where enrolment count is under 100 or not specified), Phase 0

Return to Table of Contents

SCY-635 DEALS AND PATENTS

DEALS

Deals by Parent Company Chart

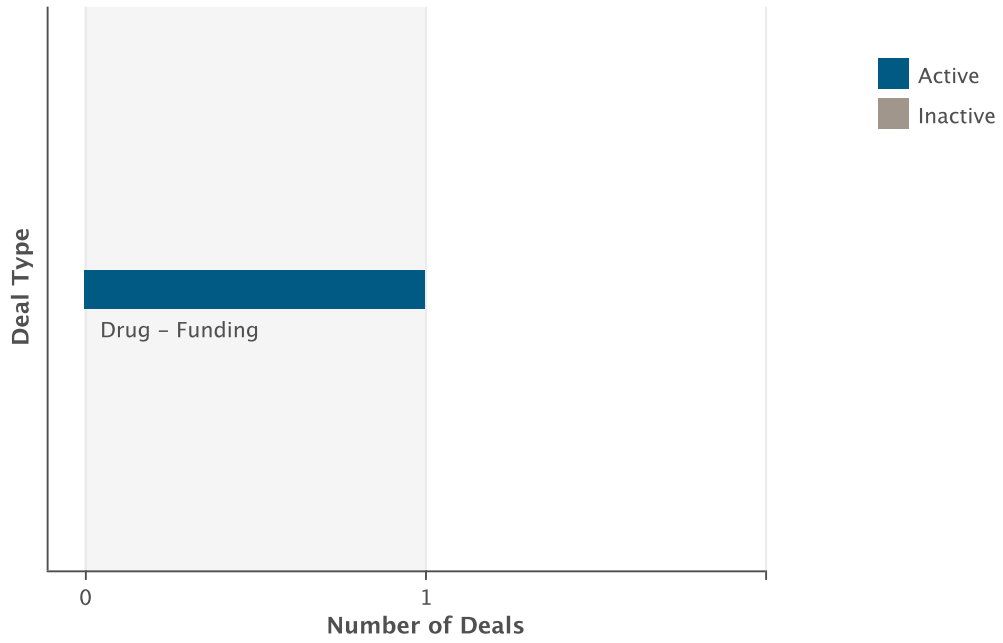


Deals by Parent Company Table

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

Return to Table of Contents

Deals by Type Chart



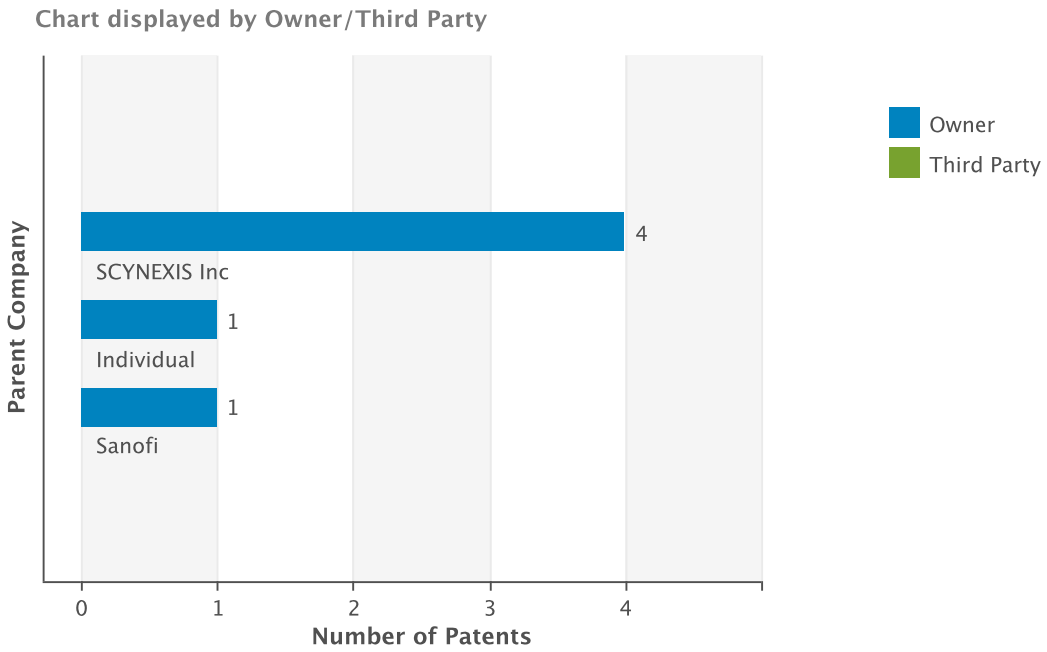
Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - Funding	1	0	1

Return to Table of Contents

PATENTS

Patents by Parent Company Chart

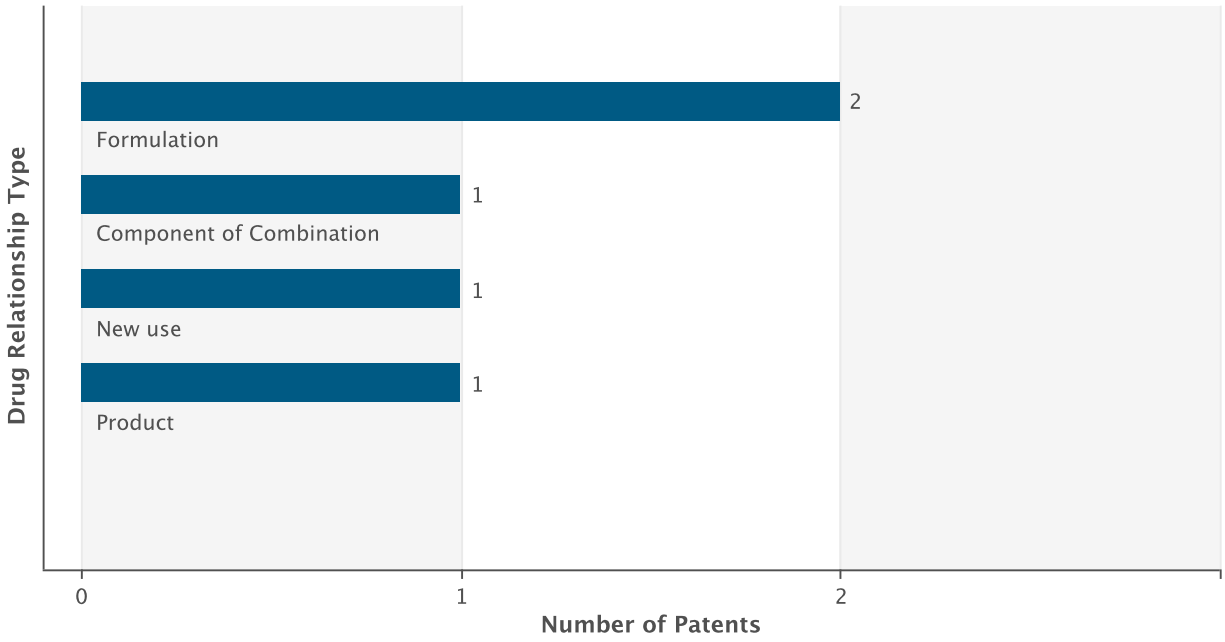


Patents by Parent Company Table

Company Name	As Owner	As Third Party	Total
SCYNEXIS Inc	4	0	4
Sanofi	1	0	1
Individual	1	0	1

Return to Table of Contents

Patents by Drug Relationship Type Chart



Patents by Drug Relationship Type Table

Drug Relationship	Total
Formulation	2
New use	1
Component of Combination	1
Product	1

Return to Table of Contents

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 1 Clinical
Active Indications	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	24-Feb-2014

SCY-078 DEVELOPMENT PROFILE

SUMMARY

SCYNEXIS, in collaboration with R-Pharm, is developing SCY-078 (formerly MK-3118; structure shown), an orally 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 oral treatment of fungal infections,,. By October 2009, phase I trials had begun ; development was ongoing in March 2011 ; in September 2012, this was still the case. By May 2013, SCY-078 had completed phase I studies and was phase IIb ready. In February 2014, the company was planning to initiate a phase II trial .

Merck & Co was developing the drug in collaboration with SCYNEXIS for the potential treatment of fungal infections,,. 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 formulation of SCY-078 for the potential oral treatment of fungal infections

REGULATORY INFORMATION US

In February 2014, FDA designated oral SCY-078 as a Qualified Infectious Disease Product for indications of invasive candidiasis, including candidemia and aspergillosis.

SCY-078 DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

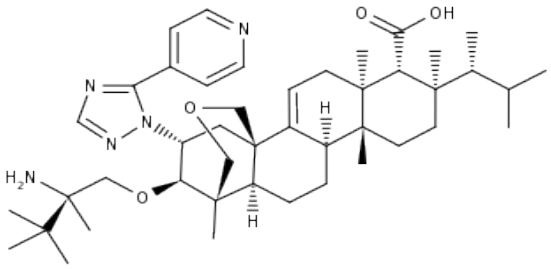
Company	Indication	Country	Development Status	Date

Return to Table of Contents

Company	Indication	Country	Development Status	Date
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
MK-3118	Research Code
SCY-078	Research Code

CAS Registry Number:	Confidence Level:
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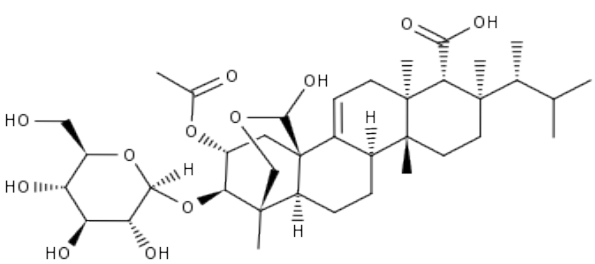

Name	Type
enfumafungin	

Return to Table of Contents

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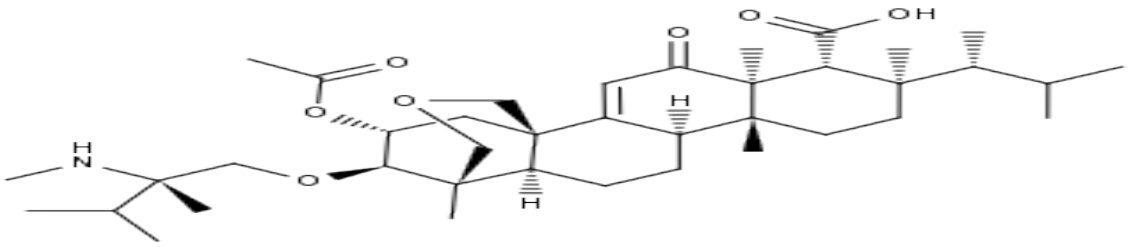

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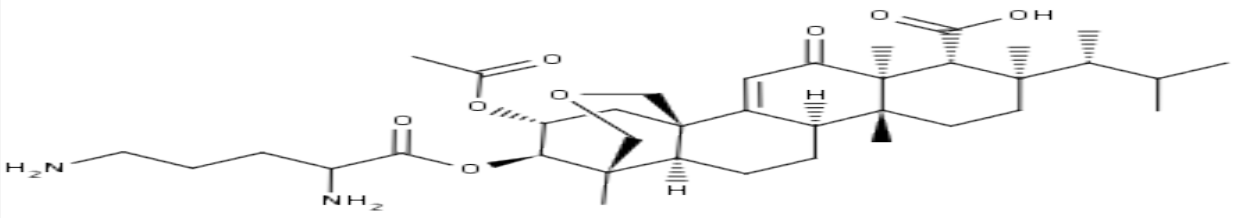

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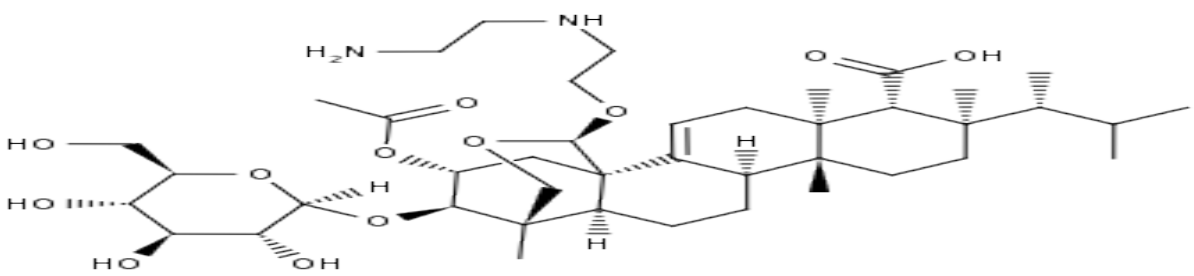

Return to Table of Contents

CAS Registry Number:	Confidence Level:
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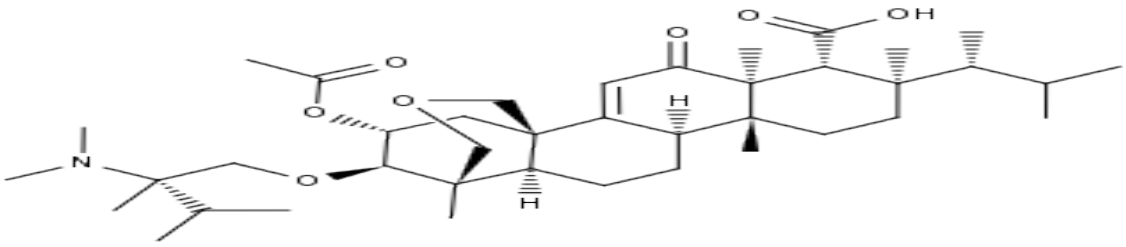

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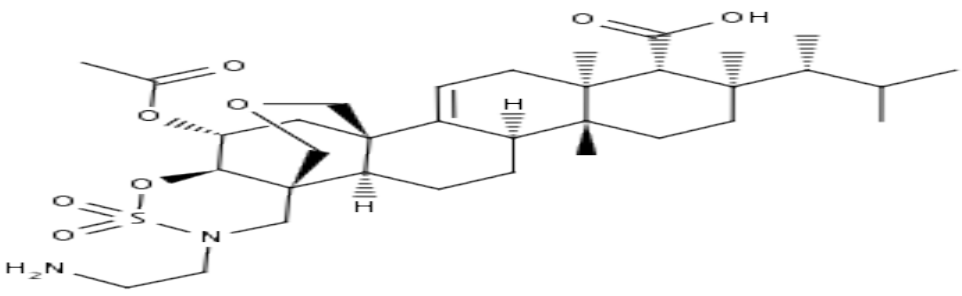


SCY-078 DRUG NAMES

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

Return to Table of Contents

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
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	0	0	0	2	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)

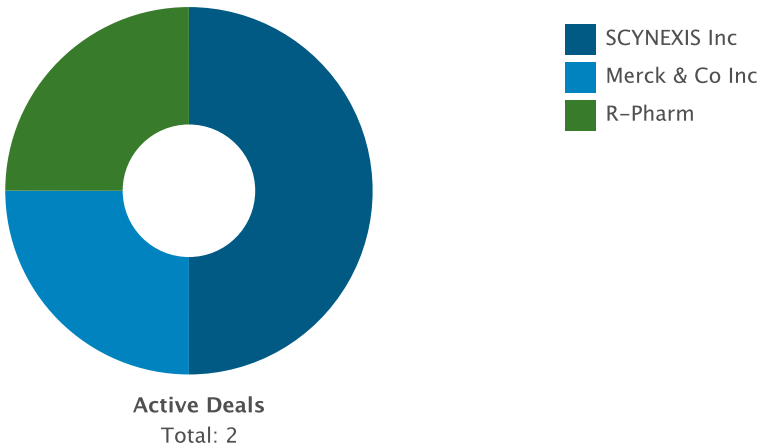
Phase 1 Clinical
Includes Phase 1, Phase 1a, Phase 1, Phase 1/2 (where enrolment count is under 100 or not specified), Phase 0

Return to Table of Contents

SCY-078 DEALS AND PATENTS

DEALS

Deals by Parent Company Chart

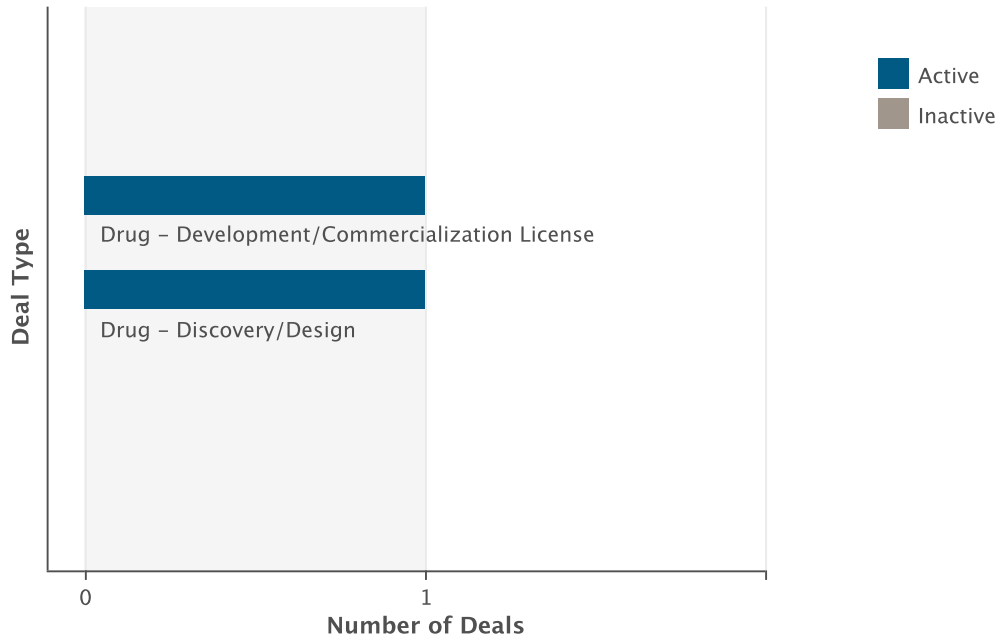


Deals by Parent Company Table

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

Return to Table of Contents

Deals by Type Chart



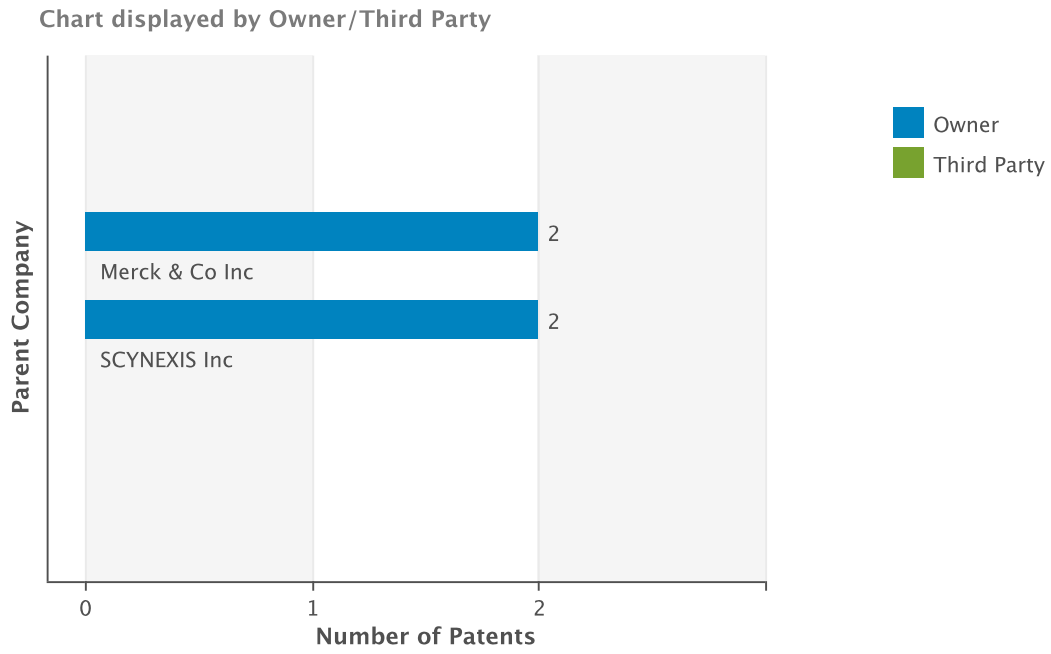
Deals by Type Table

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

Return to Table of Contents

PATENTS

Patents by Parent Company Chart

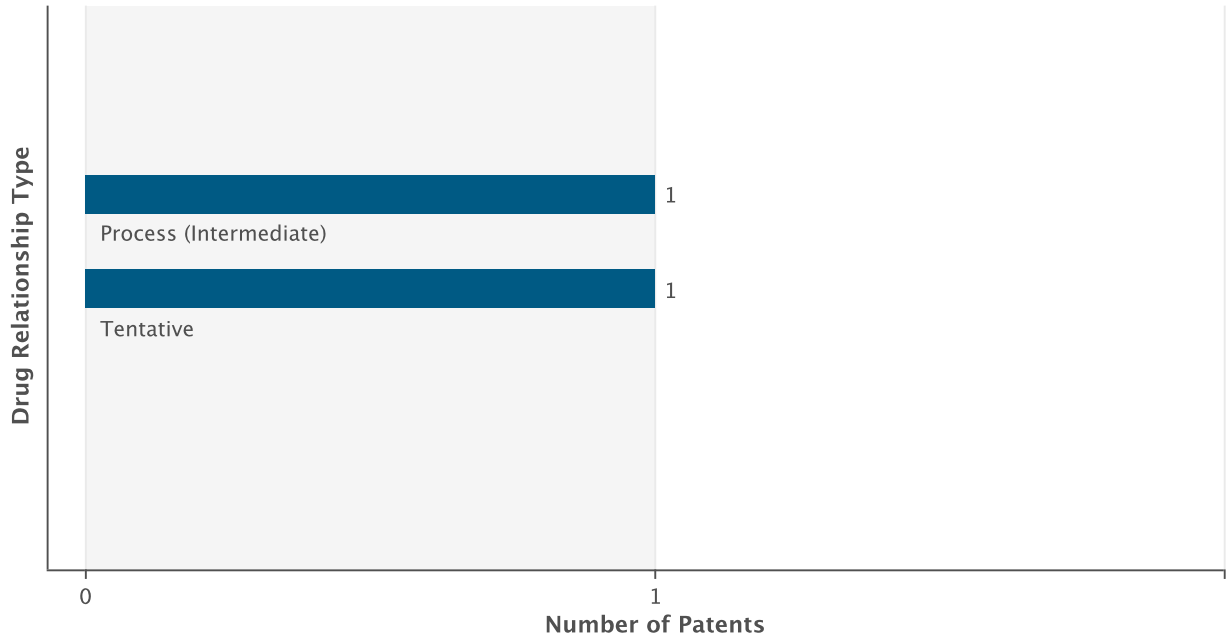


Patents by Parent Company Table

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

Return to Table of Contents

Patents by Drug Relationship Type Chart



Patents by Drug Relationship Type Table

Drug Relationship	Total
Tentative	1
Process (Intermediate)	1

Return to Table of Contents

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	23-May-2014

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.

SCYX-7158 DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

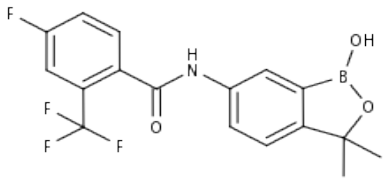
Company	Indication	Country	Development Status	Date
Drugs for Neglected Diseases Initiative	Trypanosoma brucei infection	France	Phase 1 Clinical	15-Feb-2012
Anacor Pharmaceuticals Inc	Trypanosoma brucei infection	US	Discovery	11-Dec-2008
Anacor Pharmaceuticals Inc	Trypanosoma cruzi infection	US	Discovery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

Return to Table of Contents

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

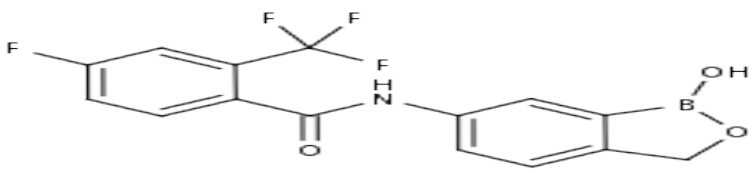
SCYX-7158 CHEMICAL STRUCTURES

CAS Registry Number:	Confidence Level:
	4



Name	Type
SCYX-7158	Research Code

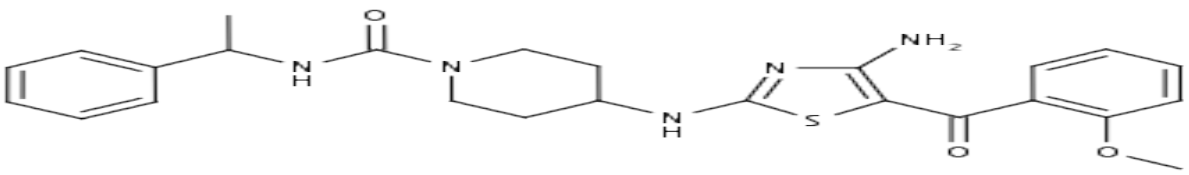
CAS Registry Number:	Confidence Level:
	4



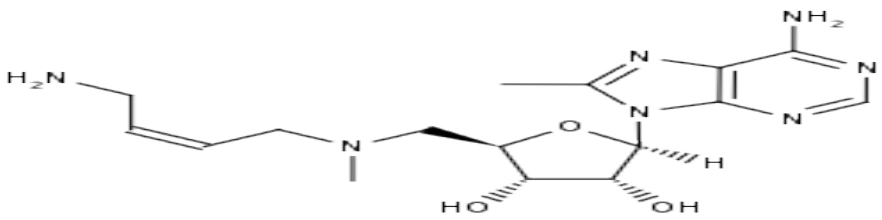
Name	Type
AN-4169	Research Code
SCYX-6759	Research Code

Return to Table of Contents

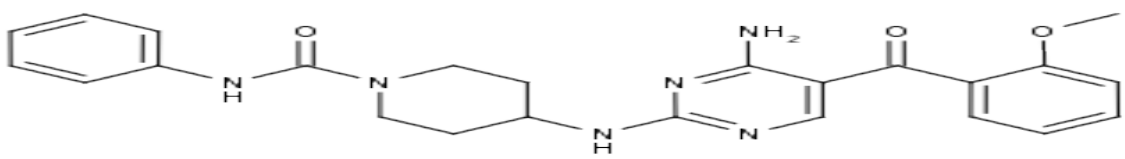
CAS Registry Number:	Confidence Level:
	4



CAS Registry Number:	Confidence Level:
	3



CAS Registry Number:	Confidence Level:
	3



Return to Table of Contents

SCYX-7158 DRUG NAMES

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

SCYX-7158 CLINICAL TRIALS

Total Trials by Phase and Status

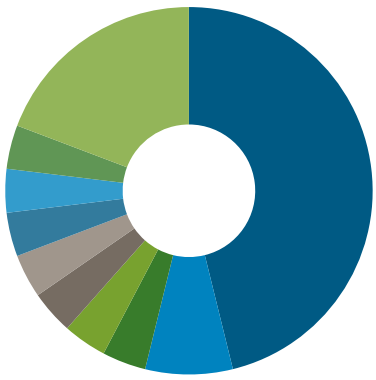
Phase 4 Clinical		Phase 3 Clinical		Phase 2 Clinical		Phase 1 Clinical		Phase Unspecified		Total	
On-going	All	On-going	All	On-going	All	On-going	All	On-going	All	On-going	All
Total by Phase and Status											
0	0	0	0	0	0	0	1	0	0	0	1

Return to Table of Contents

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

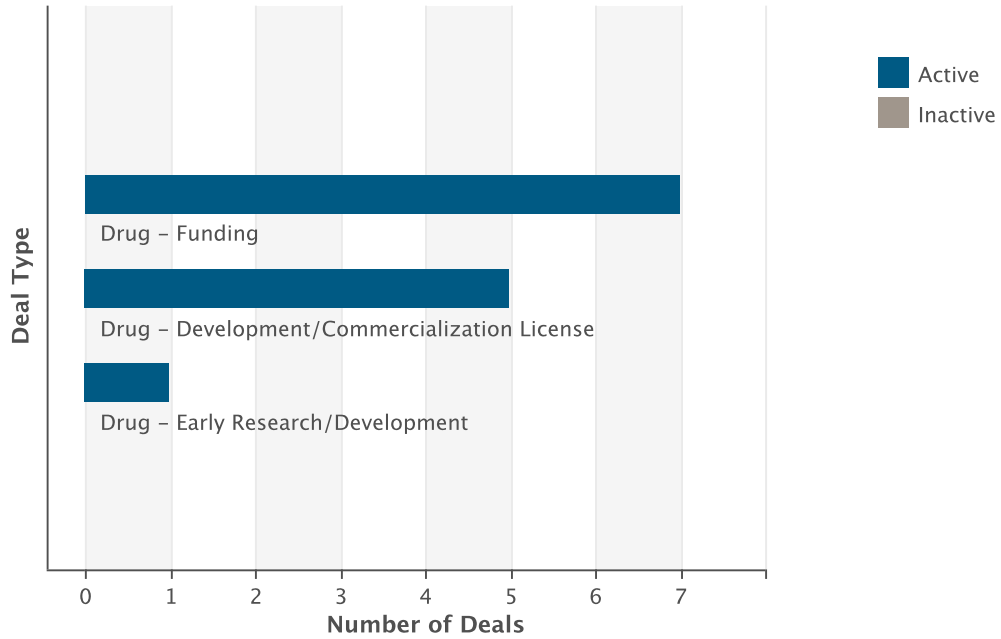
Return to Table of Contents

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
German Government	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
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
Spanish Government	0	0	1	0	1

Return to Table of Contents

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

Return to Table of Contents

cyclophilin inhibitors (HIV/HBV infection/inflammatory disease/HCV infection), SCYNEXIS

cyclophilin inhibitors (HIV/HBV infection/inflammatory disease/HCV infection), SCYNEXIS SNAPSHOT

Drug Name	cyclophilin inhibitors (HIV/HBV infection/inflammatory disease/HCV infection), SCYNEXIS
Key Synonyms	
Originator Company	SCYNEXIS Inc
Active Companies	SCYNEXIS Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Hepatitis C virus infection;Inflammatory disease;Hepatitis B virus infection;HIV infection
Target-based Actions	Peptidylprolyl isomerase inhibitor
Other Actions	Anti-inflammatory;Antiviral
Technologies	Small molecule therapeutic
Last Change Date	07-Nov-2012

cyclophilin inhibitors (HIV/HBV infection/inflammatory disease/HCV infection), SCYNEXIS DEVELOPMENT PROFILE

SUMMARY

SCYNEXIS is investigating a series of cyclophilin inhibitors, including SCY-644, for the potential treatment of HBV infection, inflammatory diseases and for individuals co-infected with HIV infection and HCV infection,.

cyclophilin inhibitors (HIV/HBV infection/inflammatory disease/HCV infection), SCYNEXIS DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
SCYNEXIS Inc	HIV infection	US	Discovery	11-Nov-2010
SCYNEXIS Inc	Hepatitis B virus infection	US	Discovery	06-Nov-2012
SCYNEXIS Inc	Hepatitis C virus infection	US	Discovery	11-Nov-2010
SCYNEXIS Inc	Inflammatory disease	US	Discovery	06-Nov-2012

Return to Table of Contents

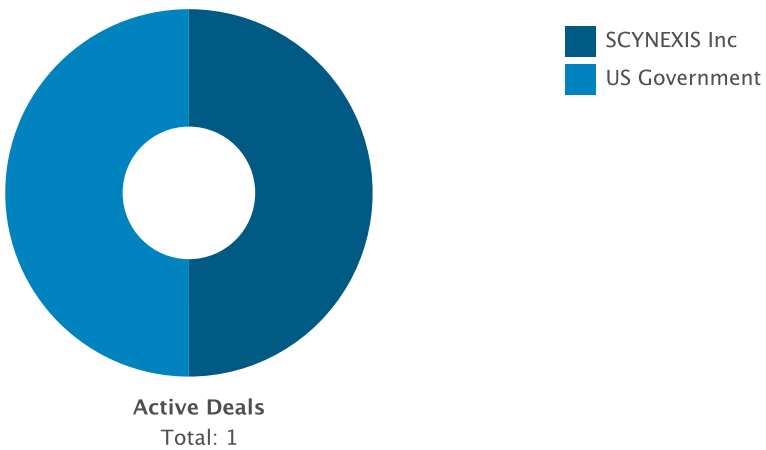
cyclophilin inhibitors (HIV/HBV infection/inflammatory disease/HCV infection), SCYNEXIS DRUG NAMES

Names	Type
cyclophilin inhibitors (HIV/HBV infection/inflammatory disease/HCV infection), SCYNEXIS	
cyclophilin inhibitors (HIV, hepatitis C virus infection), SCYNEXIS	
SCY-644	Research Code

cyclophilin inhibitors (HIV/HBV infection/inflammatory disease/HCV infection), SCYNEXIS DEALS AND PATENTS

DEALS

Deals by Parent Company Chart

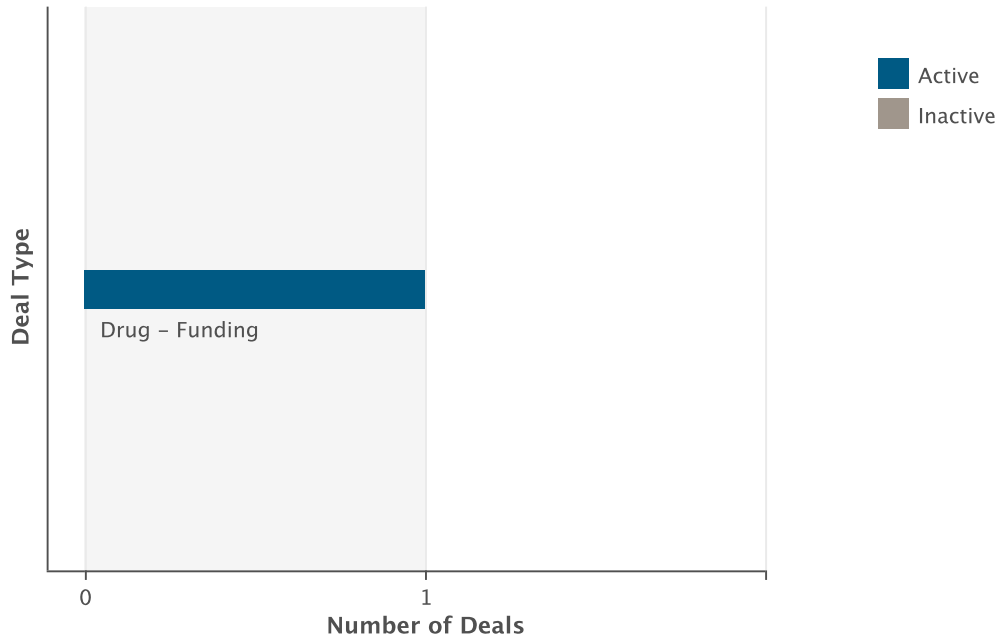


Deals by Parent Company Table

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

Return to Table of Contents

Deals by Type Chart



Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - Funding	1	0	1

Return to Table of Contents

SCY-641

SCY-641 SNAPSHOT

Drug Name	SCY-641
Key Synonyms	
Originator Company	SCYNEXIS Inc
Active Companies	SCYNEXIS Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Ocular infection
Target-based Actions	Peptidylprolyl isomerase inhibitor;Calcineurin inhibitor
Other Actions	Ophthalmological agent;Cytokine synthesis inhibitor;Immunosuppressant
Technologies	Small molecule therapeutic
Last Change Date	05-Jun-2013

SCY-641 DEVELOPMENT PROFILE

SUMMARY

SCYNEXIS is investigating SCY-641 (structure shown), a cyclophillin and calcineurin inhibitor, for the potential treatment of ophthalmic diseases including dry eye disease,. In May 2011, preclinical data were presented; it was also reported that a canine keratoconjunctivitis sicca study was ongoing as a prelude to human clinical studies. In May 2012, preclinical data were presented for keratoconjunctivitis sicca. In June 2013, the drug was listed as being in peclinical development.

SCY-641 DEVELOPMENT STATUS

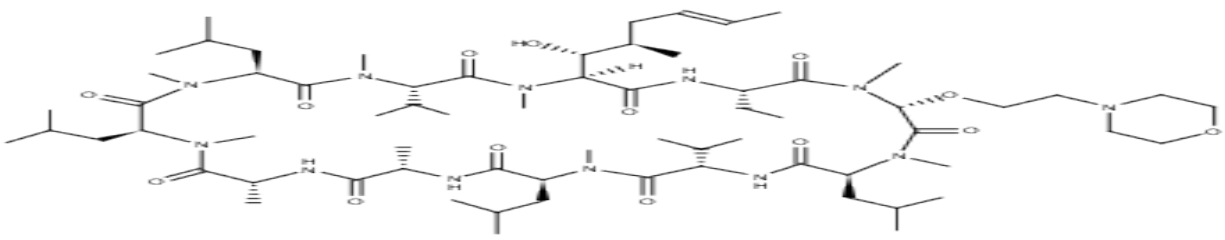
CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
SCYNEXIS Inc	Ocular infection	US	Discovery	11-Nov-2010

SCY-641 CHEMICAL STRUCTURES

Return to Table of Contents

CAS Registry Number:	Confidence Level:
	4



Name	Type
SCY-641	Research Code

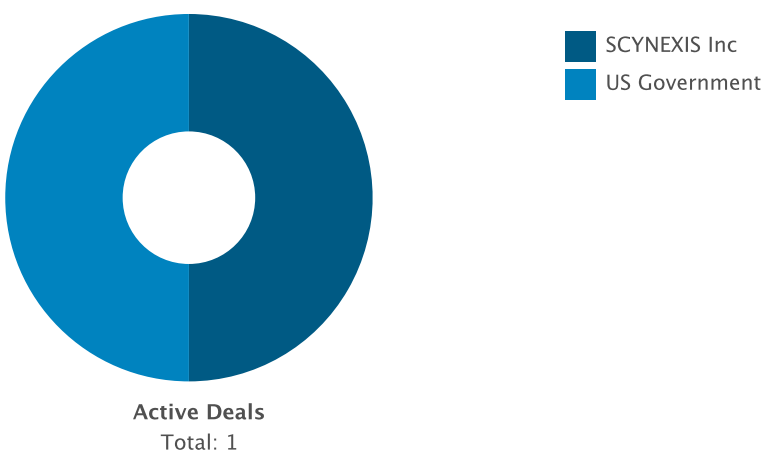
SCY-641 DRUG NAMES

Names	Type
SCY-641	Research Code

SCY-641 DEALS AND PATENTS

DEALS

Deals by Parent Company Chart

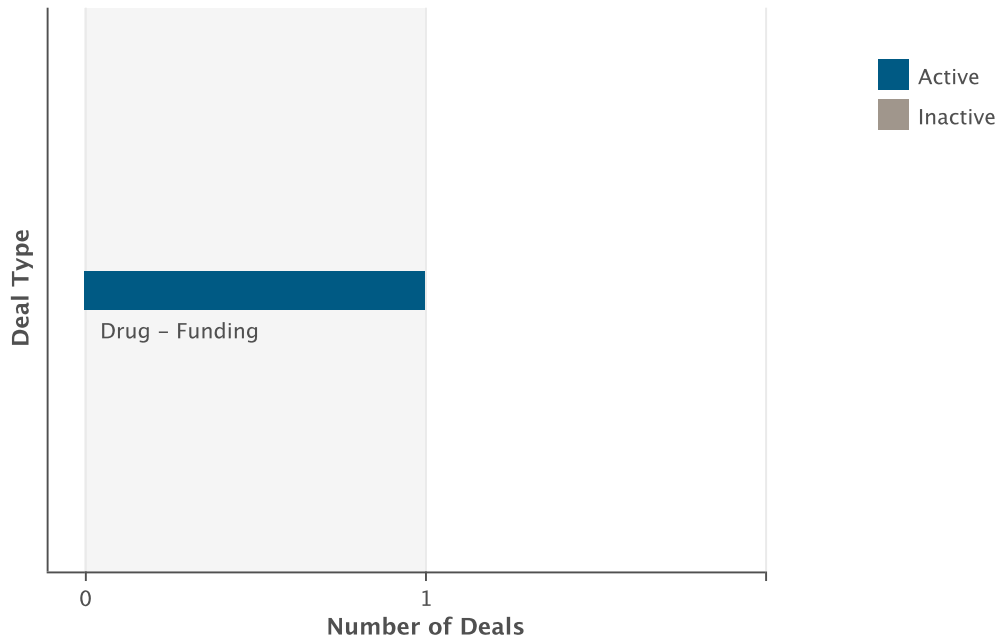


Return to Table of Contents

Deals by Parent Company Table

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

Deals by Type Chart



Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - Funding	1	0	1

Return to Table of Contents

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	Viral infection;Parasitic infection
Target-based Actions	Hydrolase inhibitor
Other Actions	Antiviral;Antiparasitic
Technologies	Small molecule therapeutic
Last Change Date	30-Jun-2012

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

SUMMARY

Abide Therapeutics, in collaboration with SCYNEXIS, is investigating serine hydrolase inhibitors for the potential treatment of viral and parasitic 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
Abide Therapeutics Inc	Viral infection	US	Discovery	28-Mar-2012
SCYNEXIS Inc	Parasitic infection	US	Discovery	28-Mar-2012
SCYNEXIS Inc	Viral infection	US	Discovery	28-Mar-2012

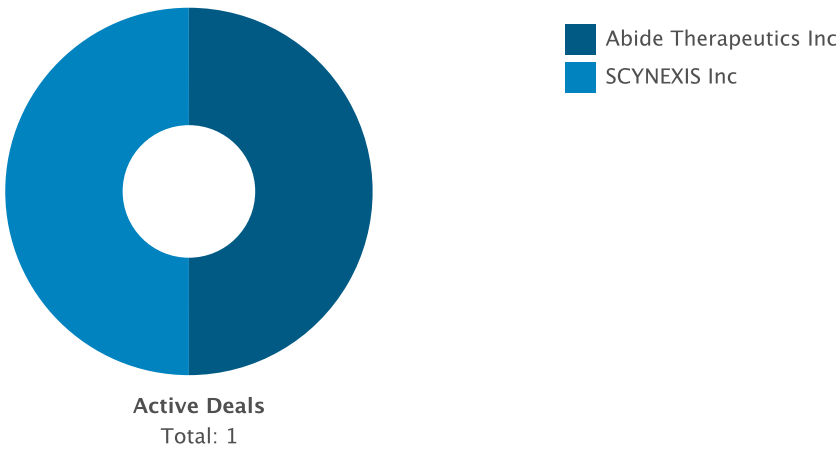
serine hydrolase inhibitors (viral/parasitic infections), Abide/SCYNEXIS DRUG NAMES

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

Return to Table of Contents

DEALS

Deals by Parent Company Chart

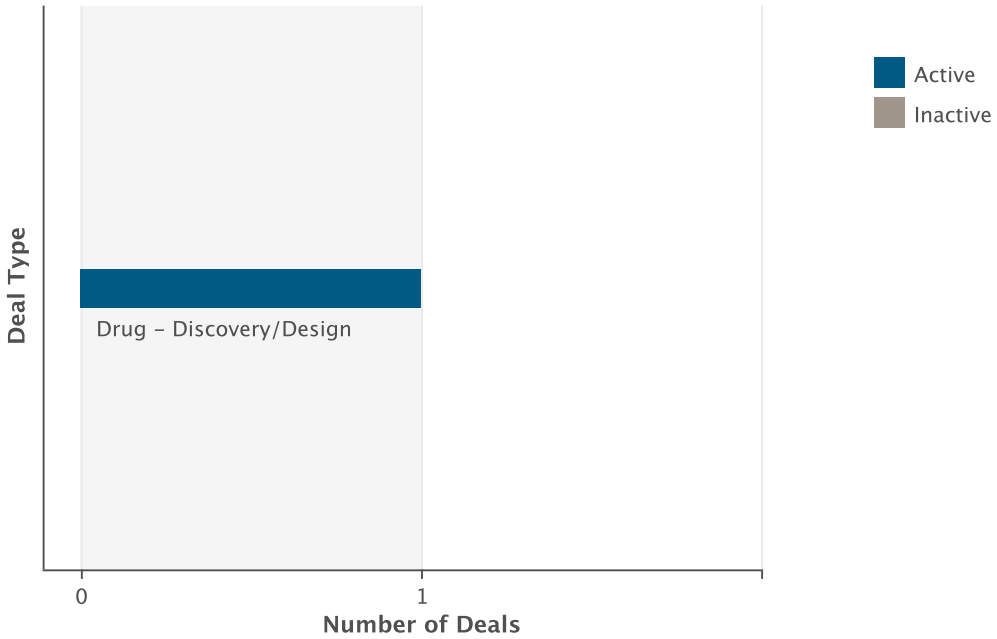


Deals by Parent Company Table

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

Return to Table of Contents

Deals by Type Chart



Deals by Type Table

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

Return to Table of Contents

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	Fungicide;Glucan synthesis inhibitor
Technologies	Natural product;Intravenous formulation;Biological therapeutic
Last Change Date	24-Feb-2014

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

SUMMARY

SCYNEXIS is investigating SCY-078 (formerly MK-3118), an intravenous 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 iv treatment of fungal infections,.

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 DRUG NAMES

Names	Type
SCY-078 (intravenous, antifungal), SCYNEXIS	

Return to Table of Contents

Return to Table of Contents

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;Pace University;Drugs for Neglected Diseases Initiative;SCYNEXIS Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Trypanosoma brucei infection
Target-based Actions	
Other Actions	Unspecified drug target;Antiparasitic
Technologies	Small molecule therapeutic
Last Change Date	20-Jan-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 are investigating 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.

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	Discovery	30-Apr-2007
Drugs for Neglected Diseases Initiative	Trypanosoma brucei infection	Switzerland	Discovery	30-Apr-2007
Pace University	Trypanosoma brucei infection	US	Discovery	30-Apr-2007
SCYNEXIS Inc	Trypanosoma brucei infection	US	Discovery	30-Apr-2007

Return to Table of Contents

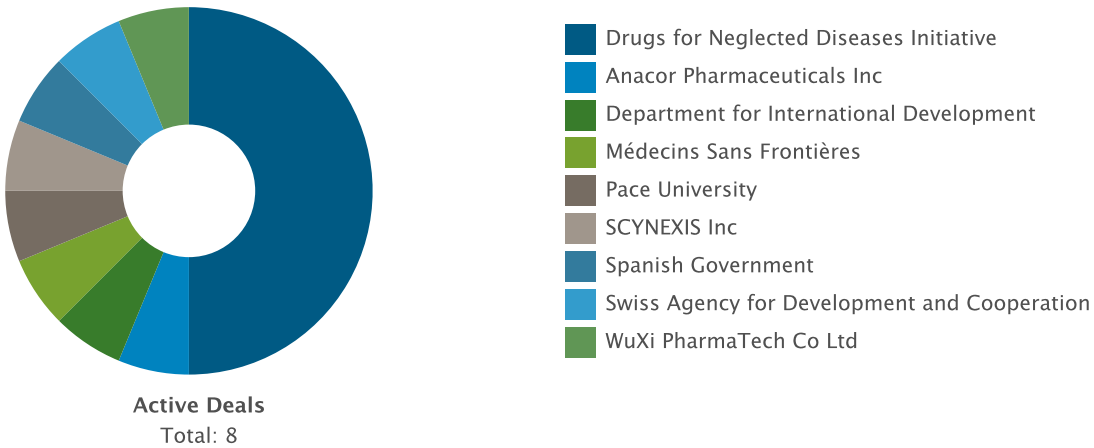
oxaborole backup compounds (human African trypanosomiasis), DNDi/Anacor/Pace University/SCYNEXIS DRUG NAMES

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

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

DEALS

Deals by Parent Company Chart



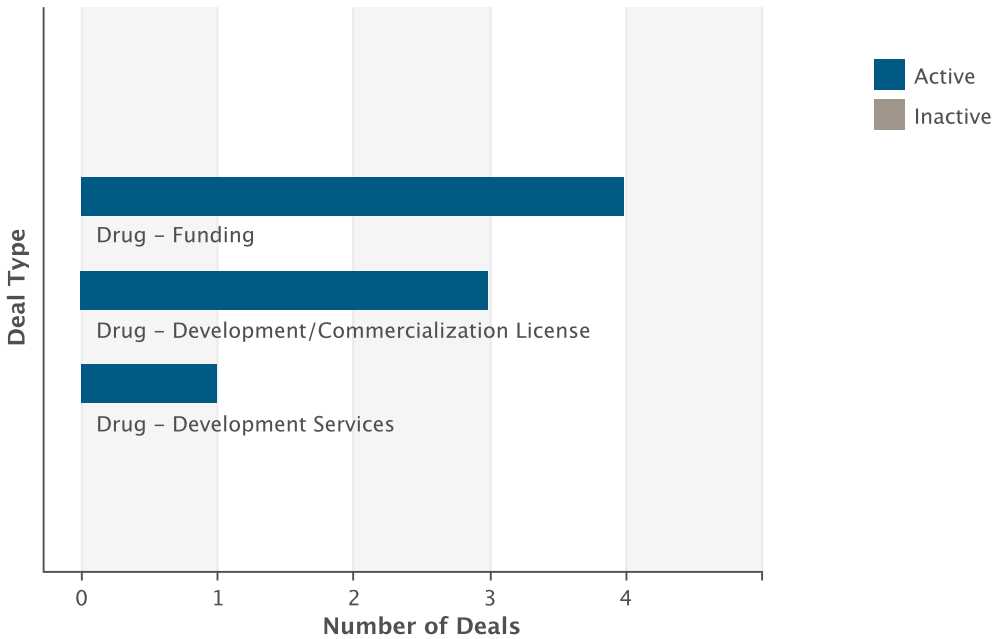
Active Deals
Total: 8

Return to Table of Contents

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
Spanish Government	0	0	1	0	1
WuXi PharmaTech Co Ltd	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

Deals by Type Chart



Return to Table of Contents

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

Return to Table of Contents

second generation cyclophilin inhibitors (HCV/HBV infections), SCYNEXIS

second generation cyclophilin inhibitors (HCV/HBV infections), SCYNEXIS SNAPSHOT

Drug Name	second generation cyclophilin inhibitors (HCV/HBV infections), SCYNEXIS
Key Synonyms	
Originator Company	SCYNEXIS Inc
Active Companies	SCYNEXIS Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Hepatitis C virus infection;Hepatitis B virus infection
Target-based Actions	Peptidylprolyl isomerase inhibitor
Other Actions	Antiviral;Anti-inflammatory
Technologies	Small molecule therapeutic
Last Change Date	05-Jun-2013

second generation cyclophilin inhibitors (HCV/HBV infections), SCYNEXIS DEVELOPMENT PROFILE

SUMMARY

SCYNEXIS is investigating second generation cyclophilin inhibitors, including SCY-575, for the potential treatment of HCV and HBV infections. In December 2012, the program was listed as being in preclinical development.

second generation cyclophilin inhibitors (HCV/HBV infections), SCYNEXIS DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
SCYNEXIS Inc	Hepatitis B virus infection	US	Discovery	31-Dec-2012
SCYNEXIS Inc	Hepatitis C virus infection	US	Discovery	31-Dec-2012

second generation cyclophilin inhibitors (HCV/HBV infections), SCYNEXIS DRUG NAMES

Names	Type
SCY-575	Research Code
second generation cyclophilin inhibitors (HCV/HBV infections), SCYNEXIS	
second generation cyclophilin inhibitors (HCV infection), SCYNEXIS	

Return to Table of Contents

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Return to Table of Contents