TARGET MOL

COMPOUND LIBRARIES 2016-2017

Target Molecule Corp.
---Drug Screening Expert
(Inhibitors, Libraries, Natural Compounds)

www.targetmol.com

About us

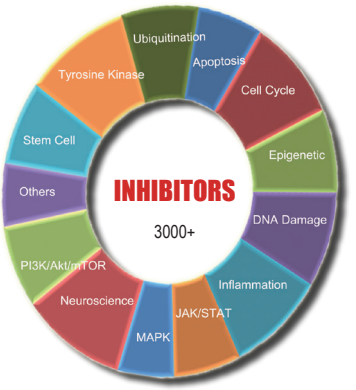
Target Molecule Corp. (TargetMol) is a global high-tech enterprise, specializing in chemical and biological research products and service to meet the research needs of global customers. With the help of fast and efficient global supply chain, professional and rigorous procurement process and timely dynamic news of products, you will save more time with less cost and lead in drug discovery and screening.

Our Product Portfolio

Inhibitor

Targetmol supplies over 3000 compounds used in the study of cell signaling pathways and drug discovery.Track the latest scientific research and promptly offer the newest and most popular inhibitors.

- 50~100 new inhibitors per month.
- NMR and HPLC validated to ensure high purity.
- All compounds are in stock.



Targets include:

JAK	p38 MAPK	AMPK	Aurora Kinase	Syk	PERK
PDK-1	DNA-PK	GSK-3	ALK	Bcr-Abl	Aurora Kinase
MEK	JNK	ERK	ROCK	PLK	Histone Demethylase
CDK	LRRK	ATPase	Raf	Rho	Epigenetic Reader domain
HDAC	Pim	EGFR	MAO	HAT	DNA Methyltransferase
ATM/ATR	HIF	FLT3	STAT	p53	DNA Demethylase
PARP	Sirt	CDK	PKC	Bcl-2	Histone Methyltransferase
Src	FAK	BTK	IAP	Wnt/beta-catenin	Hedgehog/Smoothened

more……

Compound Libraries

Targetmol provides **more than 32** types of compound libraries.They are available for **cell induction, signaling pathway and HTS**. Compound libraries are useful professional tools for drug discovery and new indication research. Customers can customize individual libraries by selecting specific molecules, quantities, concentrations, and format.

Hot libraries:

- Approved Drug Library(1700 compounds)
- Inhibitor Library(2672 compounds)
- Natural Compound Library(623 compounds)
- CADD Target Library(1.5 million)
- Clinical Compound Library(432 compounds)
- Anti-cancer Library(933 compounds)
- Bioactive Compounds(3071 compounds)
- Bioactive Lipid Library(112 compounds)
- Stem Cell Library(150 compounds)
- Apoptosis Compound Library(78 compounds)
- Protease Inhibitor Library(69 compounds)
- Epigenetics Inhibitor Library(135 compounds)
- PI3K/Akt/mTOR Library(109 compounds)
- MAPK Inhibitor Library(56 compounds)
- GPCR Compound Library(356 compounds)
- Kinase Inhibitors Library(481 compounds)
- HTS Library(5 million)
- Anti-virus Compound Library(116 compounds)
- Anti-infection Compound Library(423 compounds)
- Anti-diabetic Library(69 compounds)
- Tyrosine Kinase Inhibitors Library(159 compounds)
- Ion Channel Inhibitor Library(263 compounds)
- Endocrinology-Hormones Library(186 compounds)
- Human Endogenous Ligand Library(200 compounds)
- CNS Library(600 compounds)
- Adrenergic Library(129 compounds)
- Serotonin Library(114 compounds)
- Oxidation-Reduction Library(71 compounds)
- The Hematopoietic Toxicity Library(104 compounds)
- Autophagy Library(254 compounds)
- Histamine & melatonin Library(93 compounds)
- FDA-apprared tibrary(1080 compounds)

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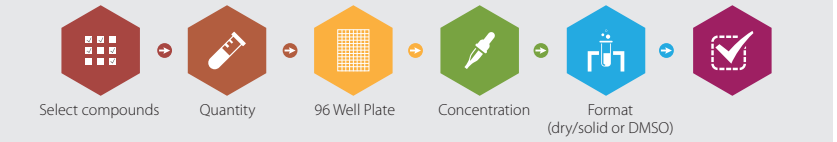
Customize your library

You can select compounds, quantities, format (dry/solid or DMSO), plate map, and concentration to meet your specific requirement.



Please contact us at info@targetmol.com to customize your library.

Contents

Approved Drug Library

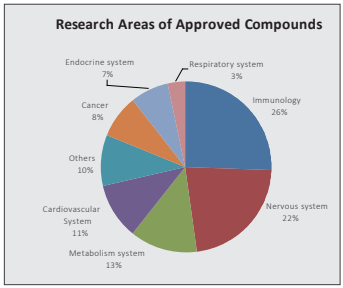
1,700 approved drugs, for use in discovering alternate functions and new target mechanisms, as well as being suitable for research into known functions, and positive compound comparison. Each drug has pharmacological activity, sources and references for **high-throughput screening** and **high-content screening**.

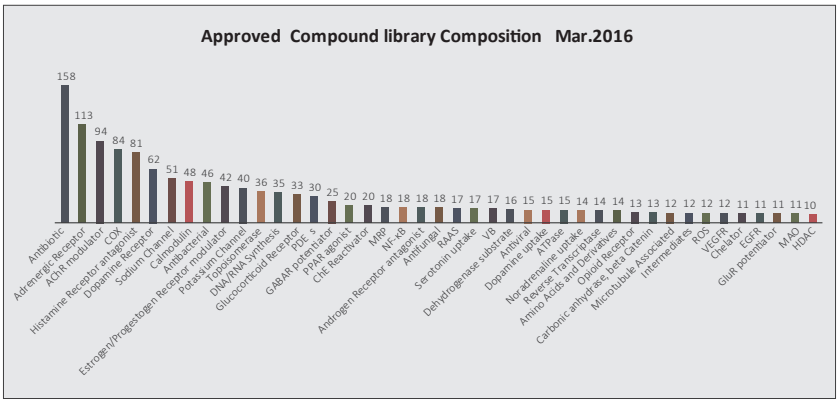
Description

A unique collection of **1,700** approved drugs for **high throughput screening (HTS)** and **high-content screening (HCS)**.

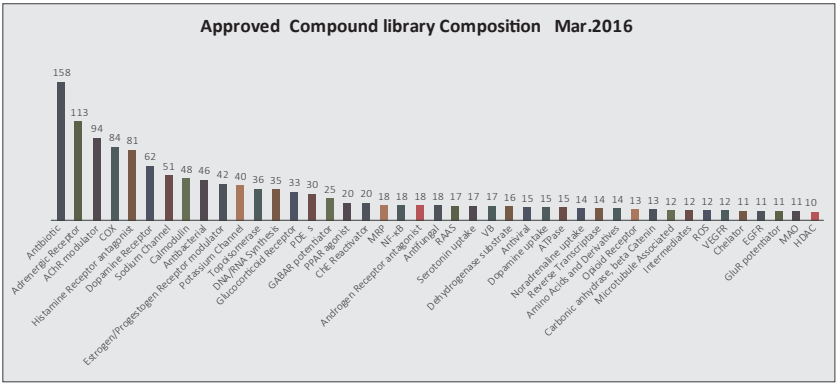
- All compounds are approved by the **FDA**, **CFDA**, or **EMEA**, with known pharmacology and toxicology information.
- An effective tool for drug screening and to identify new targets for previously discovered drugs.
- Compounds have applications in a wide range of fields, including **oncology**, **cardiology**, **immunology**, **endocrinology**, etc.
- Detailed compound information, including structure, target, activity, IC50 value, and brief introduction.
- Structurally diverse, medicinally active, and cell permeable.
- NMR- and HPLC-validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	1700
100 μL/well (10mM solution)	
250 μL/well (10mM solution)	





Customize Your Library



Inhibitor Library

Cat.No. L2000

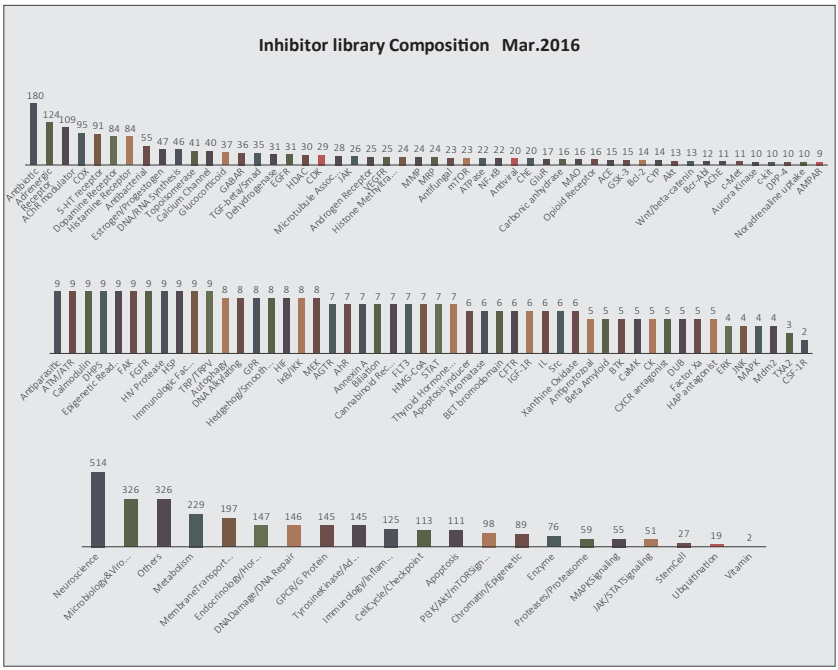
The inhibitors library contains over **2,672** active compounds with a diversity of structures. Most products have reported biological and pharmacological activity, which can be used in specific research, high-throughput screening, and high-content screening.

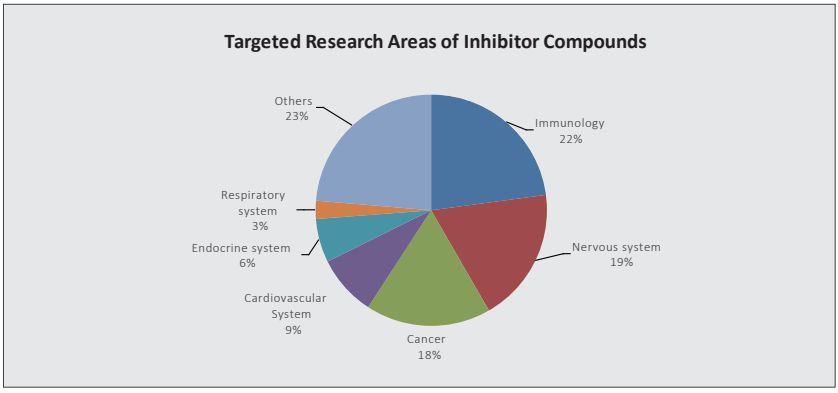
Description

- A unique collection of over **2,672** small molecule inhibitors for **HTS** and **HCS**.
- Compound bioactivity and safety have been validated by preclinical research and clinical trials.
- Some of the inhibitors have approval by the FDA.
- Targets include: **MAPK**, **PI3K**, and **JAK/STAT signaling pathways**, **HDAC**, **Aurora kinases**, **CDK** and **cell cycle regulatory proteins**, **integrase/protease**.
- An effective tool for drug screening and to identify new targets for previously discovered drugs.
- Detailed compound information, including structure, target, activity, IC50 value, and brief introduction.
- Structurally diverse, medicinally active, and cell permeable.
- NMR- and HPLC-validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	2672
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	

Customize Your Library





Customize Your Library

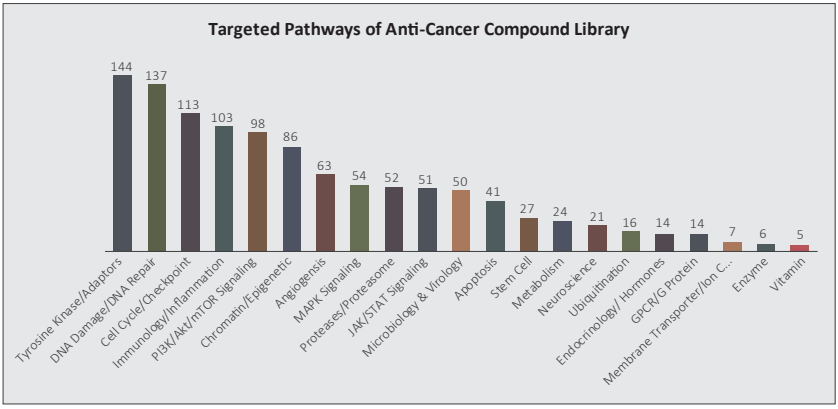
Anti-cancer Library

A unique collection of **933** compounds for use in cancer-related research and for **high-throughput screening** and **high-content screening**.

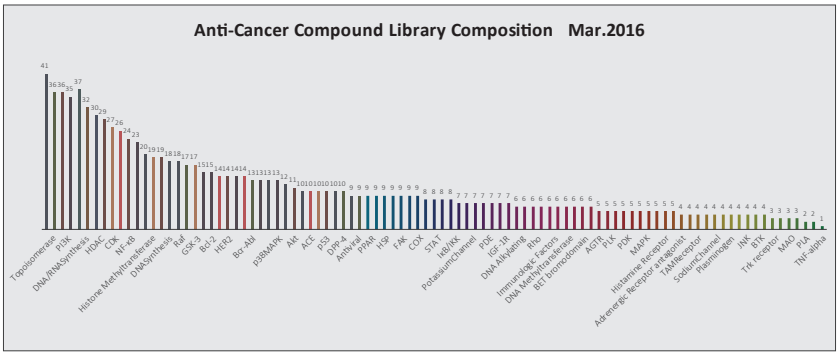
Description

- A unique collection of **933** anti-cancer compounds for **HTS** and **HCS**.
- Compound biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- Effective tools for research into the mechanisms of carcinogenesis, and for anti-tumor drug screening.
- Targets include **PI3K**, **HDAC**, **mTOR**, **CDK**, **Aurora kinase**, **JAK**, etc.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	933
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library



Known Bioactive Compound Library

Cat.No. L4000

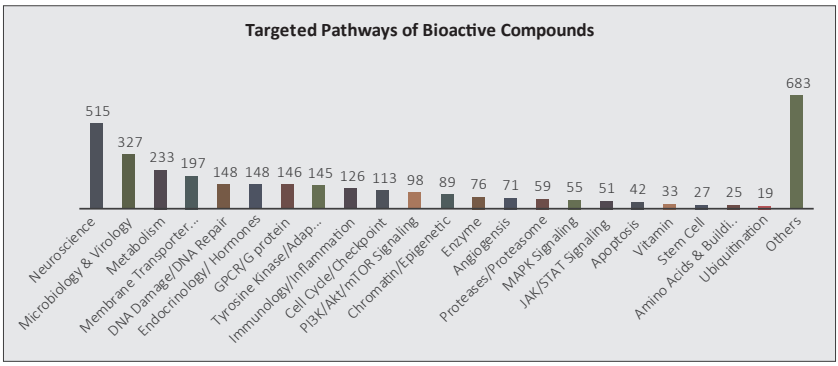
The bioactive compound library contains **more than 3,071** small molecule compounds, paying close attention to their targets. Each compound has a target description, which is key to drug screening.

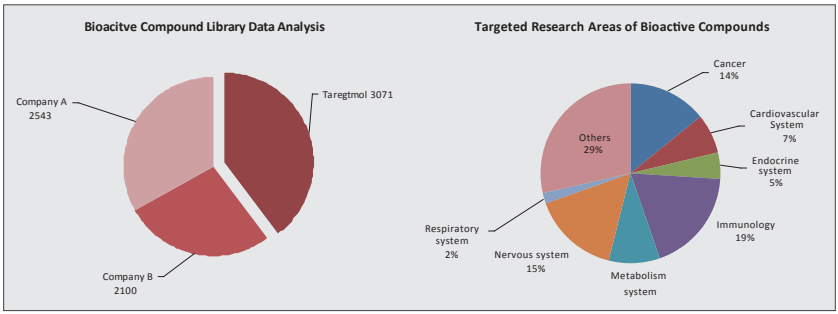
Description

- A unique collection of **3,071** bioactive compounds with known targets for **high throughput screening (HTS)** and **high content screening (HCS)**;
- All compounds have clarified target and corresponding target description;
- An effective tool for drug screening and discovering new with old drugs;
- Covers various areas, such as **GPCR/G protein**, **Neuroscience**, **Membrane Transporter/Ion Channel**, **Microbiology & Virology**, **Immunology/Inflammation**, **Tyrosine Kinase/Adaptors**, etc;
- More detailed compound information with structure, target, activity, IC50 value, and brief introduction;
- Structurally diverse, medicinally active, and cell permeable;
- NMR and HPLC validated to ensure high purity and quality;
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	3071
100 μL/well (10mM solution)	
250 μL/well (10mM solution)	

Customize Your Library





Natural Compound Library

Cat.No. L6000

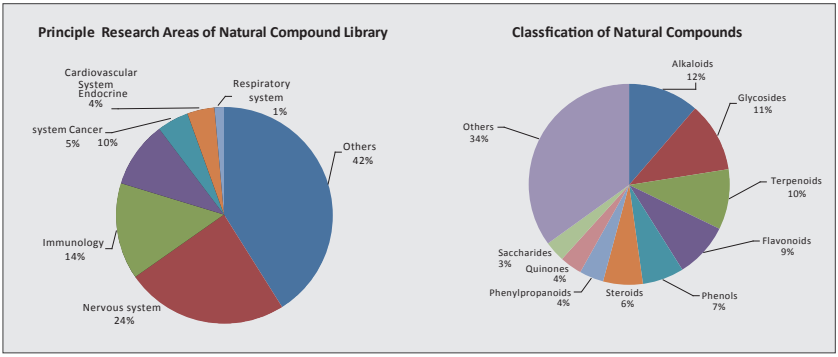
The library contains **more than 623** compounds, derived from the nature of biological separation, and extraction of organic compounds in the body. Literature reports have demonstrated pharmacological activity and medicinal value of the compounds, but the specific target mechanisms are still unclear. These compounds are likely to be very important tools for drug screening and research.

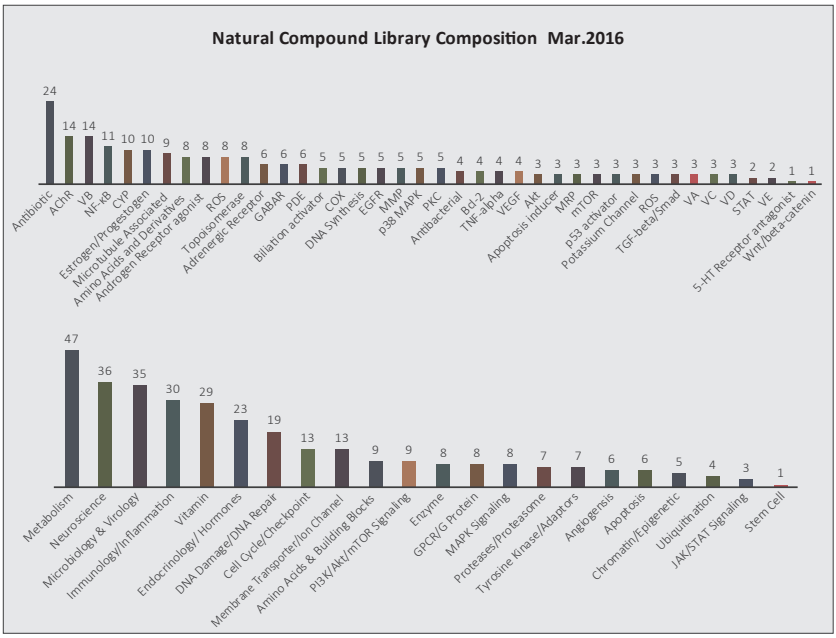
Description

- **More than 623** natural compounds, to be used for **HTS** and **HCS**.
- Detailed compound information, including structure, target, activity, IC50 value, and brief introduction.
- Structurally diverse, medicinally active, and cell permeable.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Customize Your Library

Size	Compounds
1mg/well (powder)	623
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	





Customize Your Library

FDA-approved Drug Library

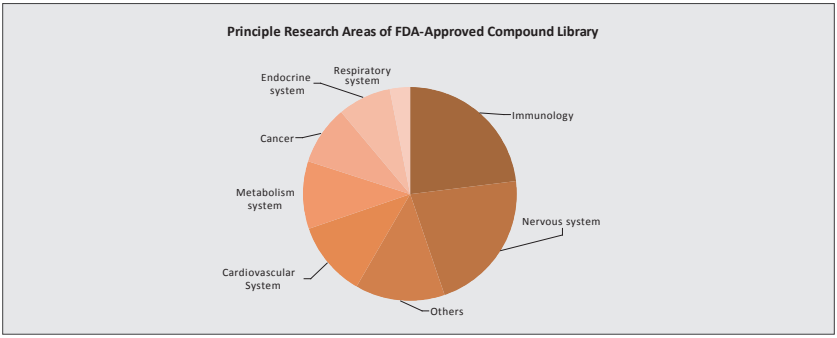
Cat.No. L4200

1,068 FDA-approved drugs are used to discover their more function, suitable for old drug research, new targets mechanism and positive compound comparison and so on.

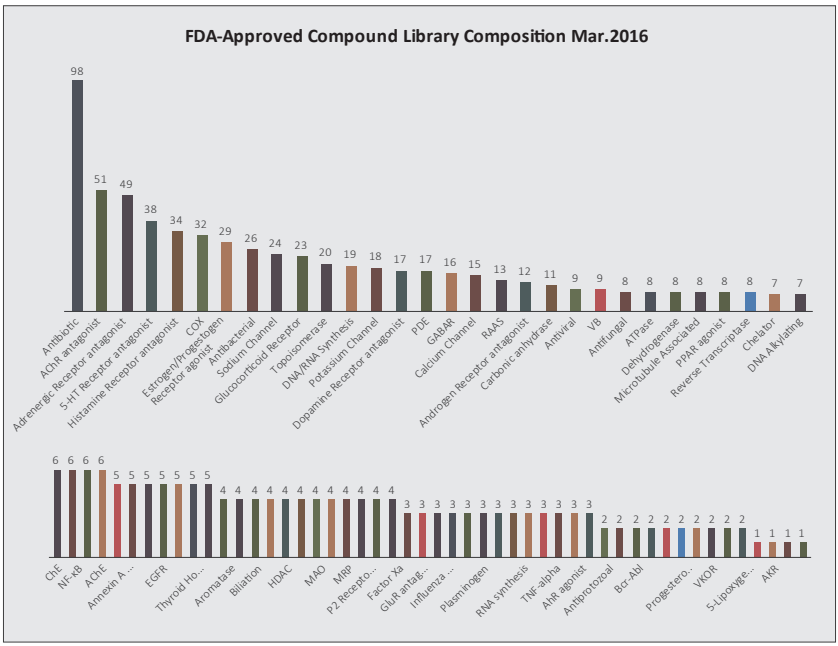
Description

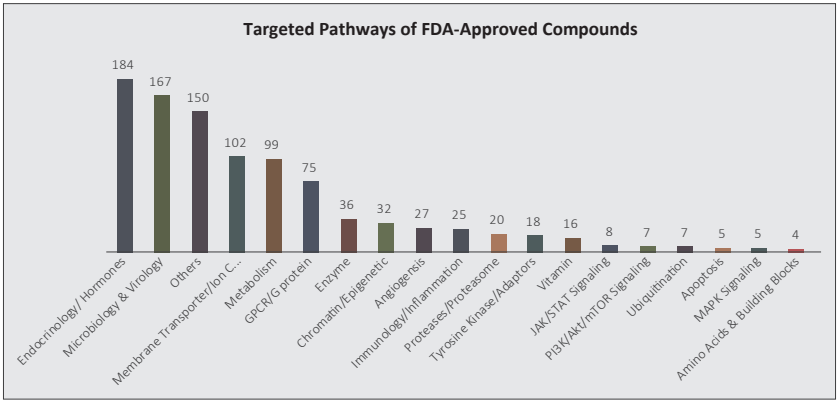
- A unique collection of **1,068** FDA approved drugs for **high throughput screening (HTS)** and **high content screening (HCS)** ;
- All compounds have been approved by FDA;
- An effective tool for drug screening and discovering new with old drugs;
- Including multiple field, such as **oncology**, **cardiology**, **anti-inflammatory**, **immunology**, **neuropsychiatry**, etc;
- More detailed compound information with structure, target, activity, IC50 value, and brief introduction;
- Structurally diverse, medicinally active, and cell permeable;
- NMR and HPLC validated to ensure high purity and quality;
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	1068
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library





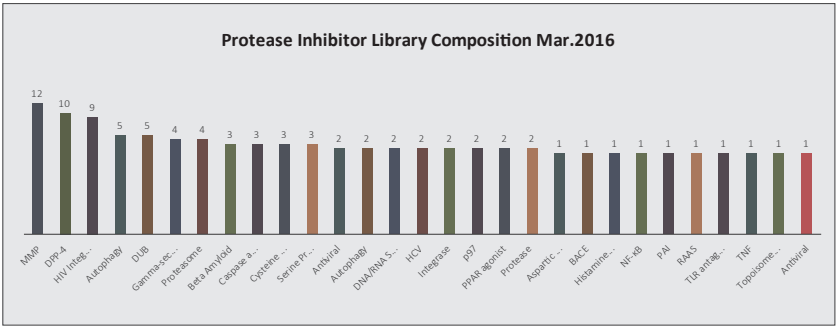
Protease Inhibitor Library

The protease inhibitor library contains **69** small molecule inhibitors associated with proteases and proteasomes, for use in scientific research and drug screening.

Description

- A unique collection of **69** types of bioactive compounds for **HTS** and **HCS**.
- Targets include **DPP-4**, **serine proteases**, **cysteine proteases**, **MMPs**, **aspartic proteases**, **etc**.
- **Compound** biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- Several of the inhibitors have been approved by the FDA.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	69
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

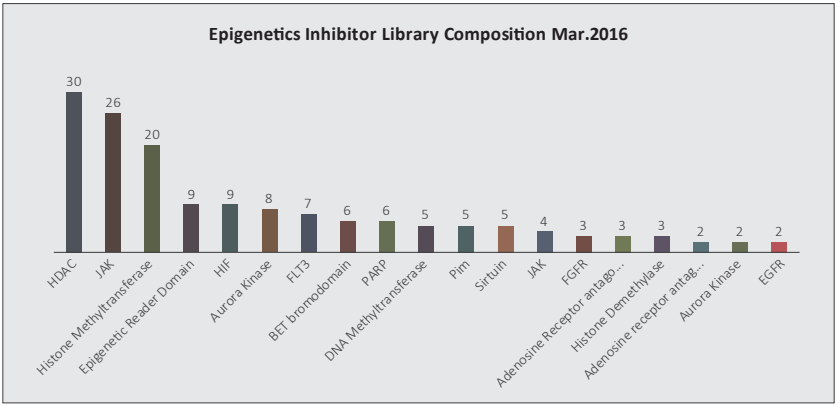
Epigenetics Library

The epigenetics library contains **135** compounds for epigenetic research, related testing, **HTS** and **HCS**.

Description

- A unique collection of **135** compounds related to epigenetics for **HTS** and **HCS**.
- Targets include **HDAC**, **Sirt/Sirtuin**, **HAT**, **HMT**, etc.
- Compound biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- Some of the compounds have been approved by the FDA.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	135
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

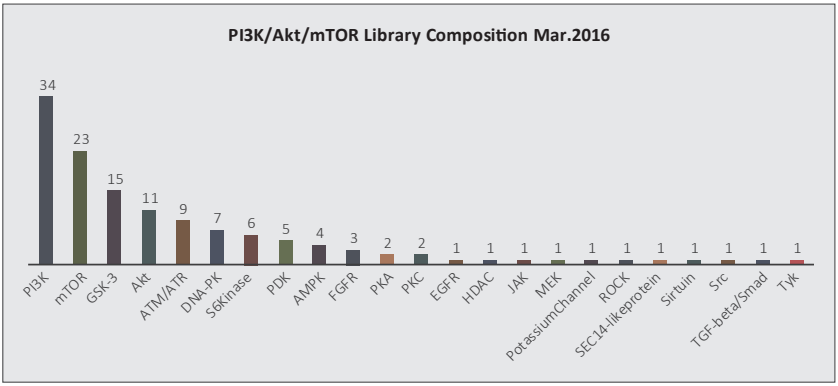
PI3K/Akt/mTOR Inhibitor Library

The PI3K/Akt/mTOR inhibitor library consists of **109** small molecular compounds; they are used in the study of the **PI3K/Akt/mTOR signaling pathway**, and for relevant drug screening.

Description

- A unique collection of **109** biologically active compounds associated with PI3K/Akt/mTOR.
- An effective way of studying **cell/tumor cell growth**, **proliferation**, **apoptosis**, etc.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	109
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

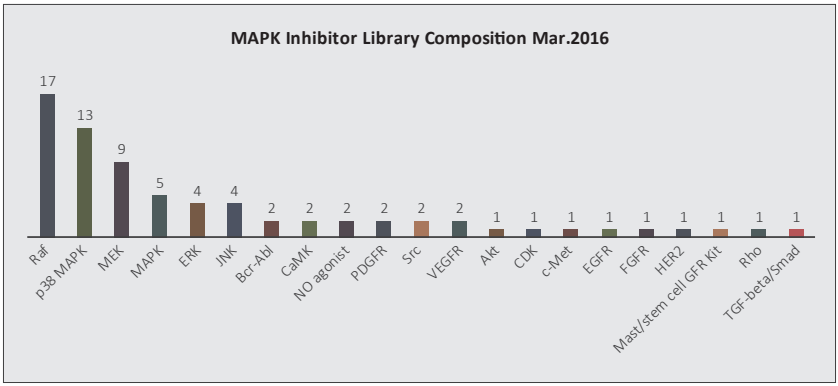
MAPK Inhibitor Library

The MAPK inhibitor library contains **56** bioactive compounds related to the **MAPK pathway** for use in research and drug screening.

Description

- A unique collection of **56** types of bioactive compounds associated with MAPK inhibition for **HTS** and **HCS**.
- Targets include **MAPK**, **ERK**, **JNK**, **MEK**, **p38**, **Raf**, **RSK**, **MNK**, etc.
- Compound biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- Some compounds in the library are approved by the FDA.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	56
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

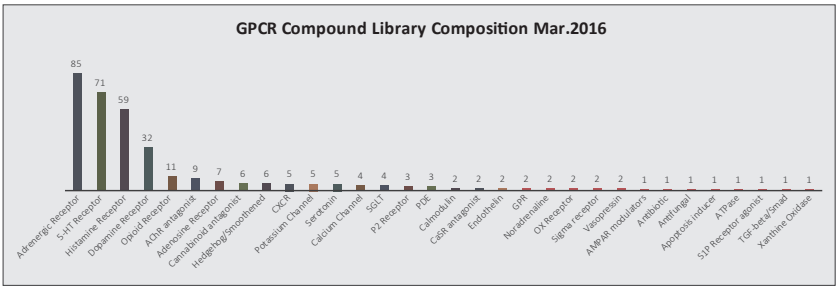
GPCR Compound Library

This library contains **356** active compounds associated with G-proteins and GPCRs, used in research of GPCR-targeted drugs, and drug screening.

Description

- A unique collection of **356** compounds for GPCR-targeted drug screening.
- Compounds have demonstrated good biological and pharmaceutical activity.
- The GPCR compound library consists of small molecules associated with receptors, such as **5-HT receptor**, **dopamine receptor**, **opioid receptor**, **adrenergic receptor**, **cannabinoid receptor**, **mGluR**, **ETA-receptor**, etc.
- It is estimated that approximately 200 orphan GPCRs are functionally unknown; use of this library for screening these GPCRs with unknown function may yield new GPCR-based drug candidates.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	356
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

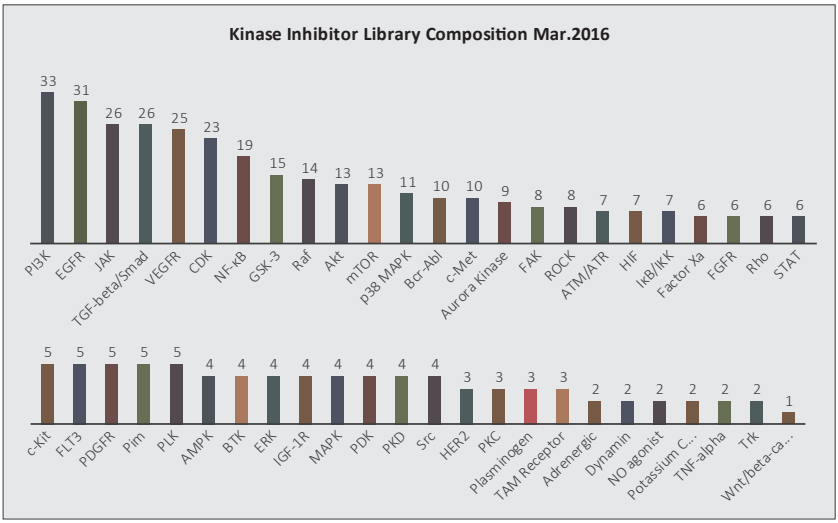
Kinase Inhibitor Library

The kinase inhibitor library contains **481** varieties of inhibitor targeted to specific protein kinases, for use in **HTS** and **HCS**.

Description

- A unique collection of **481** types of kinase inhibitor for **HTS** and **HCS**.
- Targets numerous kinases, such as **MAPK**, **PI3K**, **JAK**, **STAT**, **CDK**, **MEK**, etc.
- Compound biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- Several kinase inhibitors have been approved by the FDA.
- Most inhibitors of the library are ATP-competitive.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	481
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

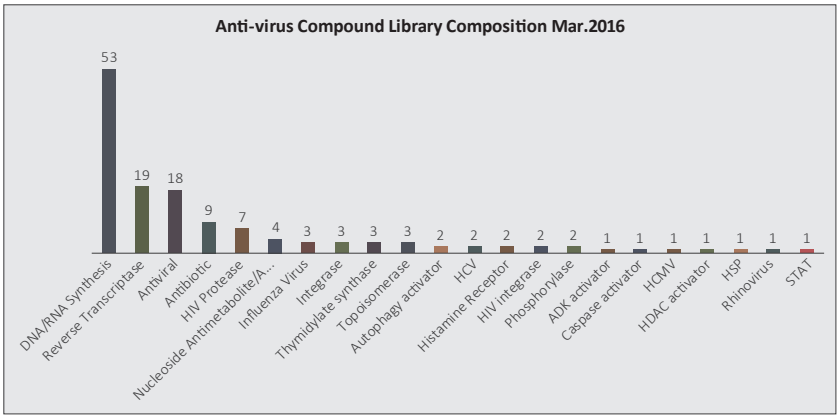
Anti-virus Compound Library

The antivirus compound library contains **116** varieties of molecule for drug research and other pharmaceutical development fields.

Description

- A unique collection of **116** compounds for **HTS** and **HCS**.
- Compounds include **anti-CMV**, **anti-HIV**, **anti-influenza virus**, etc.
- Compounds biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- An effective tool for research institutes, and for pharmaceutical development and pharmaceutical engineering.
- Some of the antiviral drugs have FDA approval.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	116
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

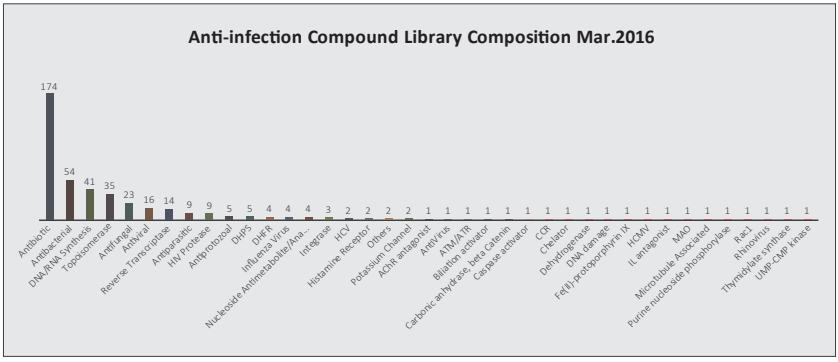
Anti-infection Compound Library

The anti-infection compound library contains **423** types of antiviral, antibacterial, and antiparisitic drugs for **HTS** and **HCS**.

Description

- A unique collection of **423** anti-infection compounds for **HTS** and **HCS**.
- Compounds include **antibacterial**, **antifungal**, **anti-CMV**, **anti-HIV**, **anti-influenza virus**, etc.
- Compound biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- An effective tool for research institutes, pharmaceutical development, pharmaceutical engineering, etc.
- Some anti-infection drugs have FDA approval.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	423
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

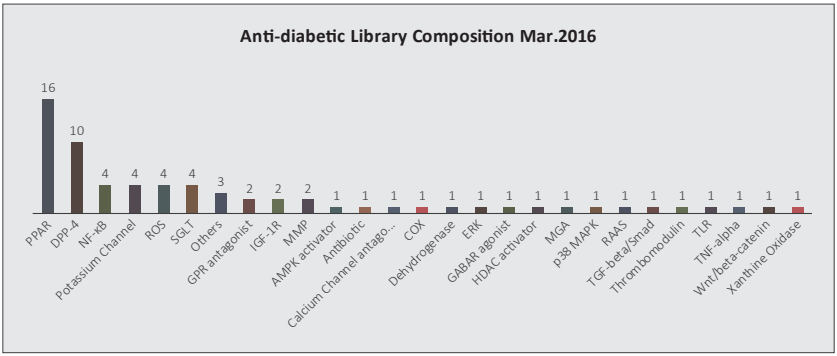
Anti-diabetic Library

The anti-diabetic library contains **69** bioactive compounds aliquoted to 96-well plates; these are ideal for screening, and for research into the mechanisms of neurodegenerative diseases.

Description

- A unique collection of **69** compounds for drug screening.
- Compound biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- Targets include **SGLT**, **PPAR**, **DPP-4**, **OC receptor**, **AMPK**, etc.
- Structurally diverse, medicinally active, and cell permeable.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	69
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

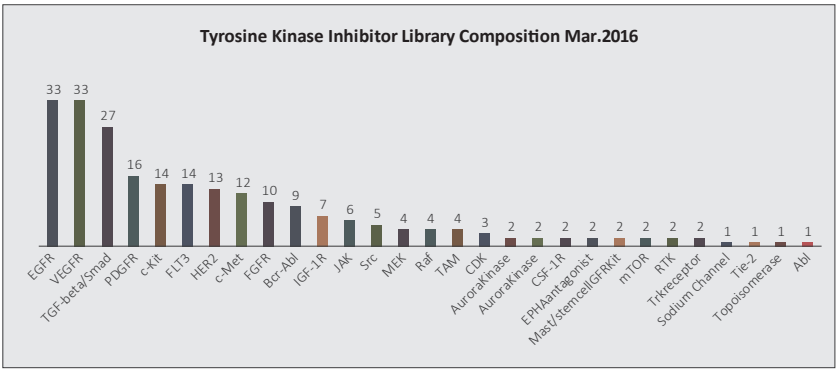
Tyrosine Kinase Inhibitor Library

The tyrosine kinase inhibitor library consists of **159** compounds, which are used for drug screening, and to research diseases associated with tyrosine kinase activity.

Description

- A unique collection of **159** types of tyrosine kinase inhibitor for **HTS** and **HCS**.
- Targets include **c-Kit**, **c-Met**, **HGFR**, **EGFR**, **FGFR**, **insulin receptor**, **JAK**, **PDGFR**, etc.
- Compound biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- Several of the tyrosine kinase inhibitors have been FDA-approved.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	159
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

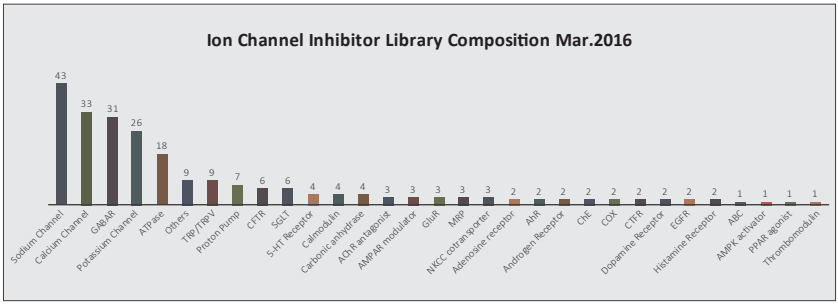
Ion Channel Inhibitor Library

The ion channel inhibitor library contains **263** small molecule inhibitors of ion channels; they can be used for **HTS** and **HCS**.

Description

- A unique collection of **263** compounds associated with ion channels for use in **HTS** and **HCS**.
- Targets include **K+ channels**, **Ca2+ channels**, **Na+ channels**, **proton pumps**, etc.
- Compound biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- Some of the active compounds have FDA approval.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	263
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

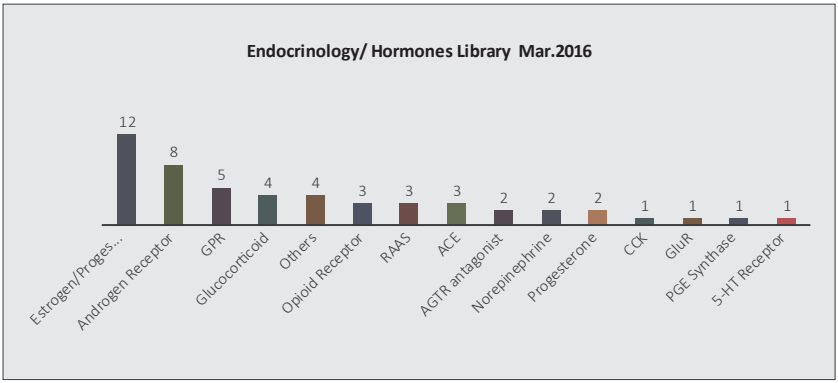
Endocrinology/Hormones Library

This library contains **186** compounds related to endocrinology/hormone signaling pathways, used for the study of the human endocrine system, and for **HTS** and **HCS**.

Description

- A unique collection of **186** compounds associated with the endocrine system for **HTS** and **HCS**.
- An effective means of studying diseases of the human endocrine system.
- Targets include **estrogen receptor**, **androgen receptor**, **norepinephrine receptor**, etc.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	186
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

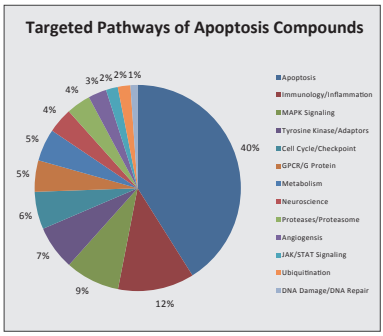
Apoptosis Compound Library

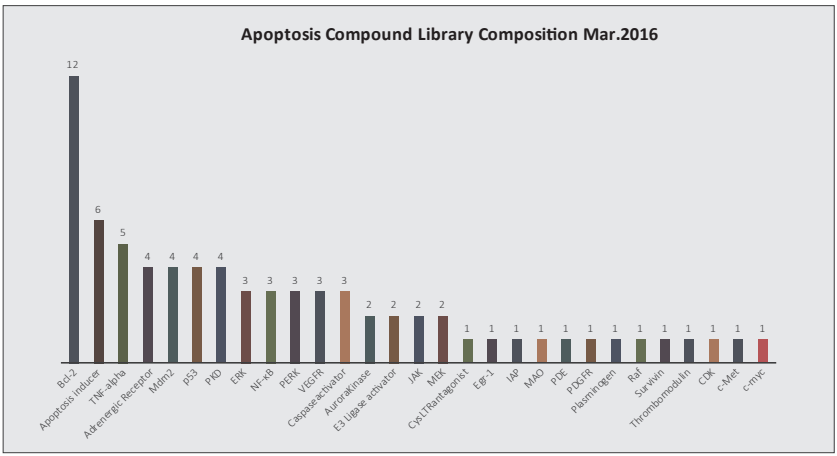
The apoptosis compound library contains **78** compounds related to apoptotic signaling pathways; most are involved in carcinogenesis and are also used in anti-cancer drug screening.

Description

- A unique collection of **78** bioactive compounds associated with apoptosis for **HTS** and **HCS**.
- Targets include **Bcl-2**, **caspases**, **p53**, **TNF-** α , **Survivin**, etc.
- Compound biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- Some compounds have FDA approval.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	78
100 μL/well (10mM solution)	
250 μL/well (10mM solution)	





Customize Your Library

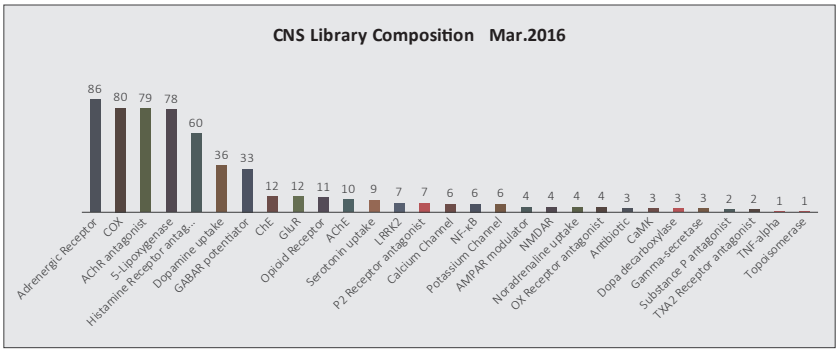
CNS Library

The CNS library contains **600** compounds that target the central nervous system; they are used for drug screening for neurological diseases.

Description

- A unique collection of **600** compounds associated with the CNS for **HTS** and **HCS**.
- Compound biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- Targets include **5-HT receptor**, **AChR**, **histamine receptor**, **opioid receptor**, etc.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	600
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

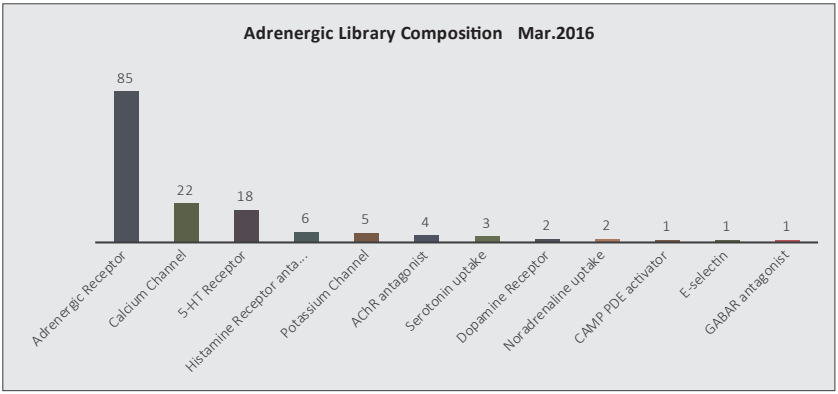
Adrenergic Library

The adrenergic library contains **129** varieties of compound that specifically target the adrenergic receptor, and are used for drug screening.

Description

- A unique collection of **129** bioactive compounds that target the adrenergic receptor.
- Compound biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	129
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

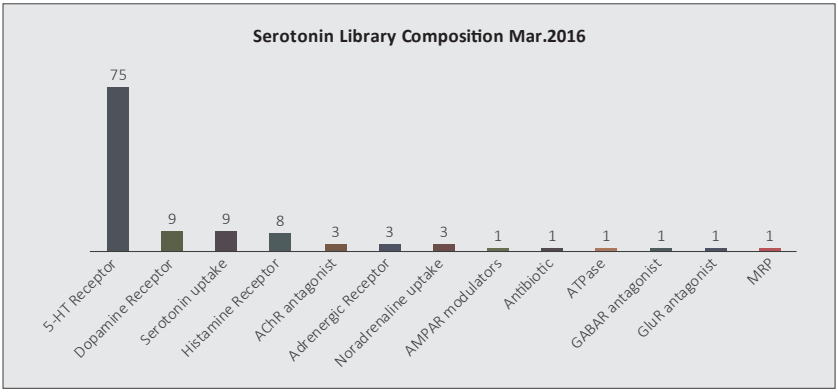
Serotonin Library

The serotonin library contains **114** varieties of compound that target the **5-HT** receptor, and are for use in the screening of drugs targeting neurologic diseases.

Description

- A unique collection of **114** compounds for **HTS** and **HCS**.
- Compound biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- Target the **5-HT receptor** specifically.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	114
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

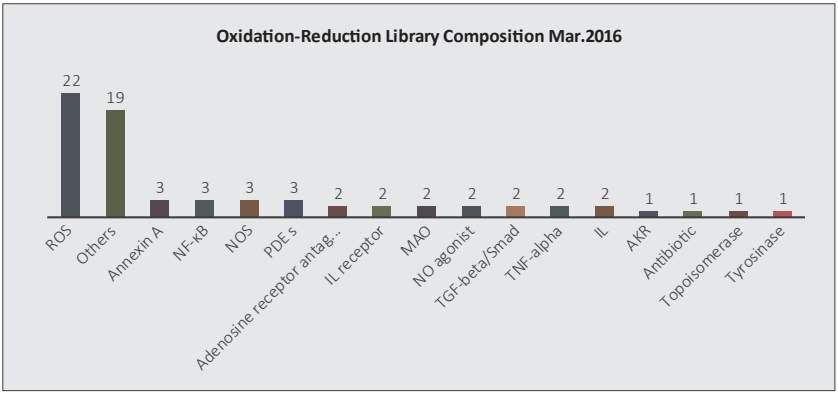
Oxidation-Reduction Library

The oxidation-reduction library contains **71** bioactive compounds aliquoted to 96-well plates that are ideal for drug screening and mechanisms research.

Description

- A unique collection of **71** compounds for **HTS** and **HCS**.
- Compound biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- Library includes **ROS scavengers**, **iNOS/eNOS**, and **natural antioxidant compounds**.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	71
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

CADD Target Library

The target library consists of collections according to the directions of researches following computerized virtual screening.

Antibacterial
GSK3 β library
c-Met kinase library
Antiviral
HDAC library
CB1/2 library
GPCRs
HSP90 library
Cl- channels library
Ion channels
IGF-1R library
CNS library
Kinases
K+ channels library
CXCR1/2 library
Peptidomimetics
Purinergic library
EphB4 inhibitors library
AcetylCo library
mGluR ligands
RAR library
AGRO library
MK2 inhibitors library
Secretase library
Akt kinase library
Na+ channels library
Steroids/steroid-like library
Antiapoptotic library
nAChR library
Transporter inhibitors library
PI3 kinase library
p2x7 focused library
YES kinase library
Arginine kinase library
PDZ library
BCL2/MCL1 library
Aurora A/B kinase library
Phosphatases library

Description

- A collection of over **1.5 million** compounds, used to select specific target compounds for **HTS** and **HCS** with computer-aided screening.
- An effective tool for research and drug screening.
- Covers numerous signal transduction areas, including **GPCR/G protein**, **neuroscience**, **membrane transporter/ion channel**, **microbiology & virology**, **immunology/inflammation**, **tyrosine kinase/adaptors**, etc.
- Detailed compound information, including structure, target, activity, IC50 value, and brief introduction.
- Structurally diverse, medicinally active, and cell permeable.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
10,000*1mg/well (powder)	1.5 million

Customize Your Library

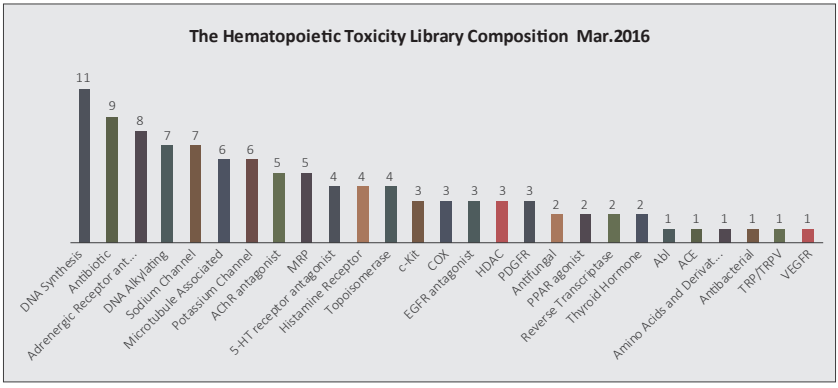
The Hematopoietic Toxicity Library

The hematopoietic toxicity library is a collection of **104** compounds with a range of defined hematopoietic toxicities, such as **myelosuppression**, **neutropenia**, **leucopenia**, **anemia**, etc. Included are a variety of structurally and mechanistically diverse compound classes, in addition to non-toxic controls; compounds are dissolved in DMSO at 10mM and aliquoted into deep-well plates. This library is an essential tool for predictive toxicology screening and assay development.

Description

- A unique collection of **104** compounds for **HTS** and **HCS**.
- Compound biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- Targets include **HDAC**, **PPAR**, **DNA alkylating agents**, **EGFR**, etc.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	104
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

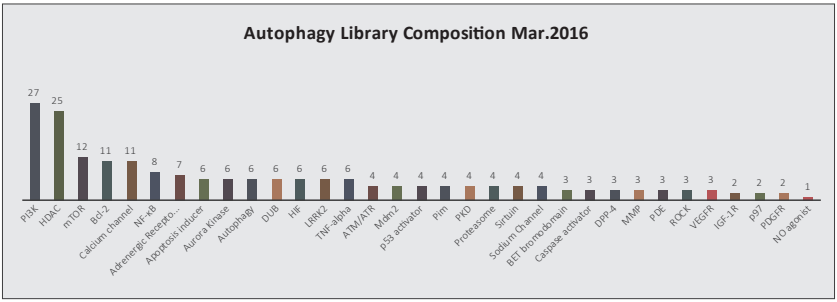
Autophagy Library

A unique collection of **254** compounds related to cell autophagy, for use in the research of autophagy, and for **HTS** and **HCS**.

Description

- A unique collection of **254** compounds associated with autophagy.
- Compound biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- An effective tool in the study of cell autophagy mechanisms and drug target research.
- Activity includes **autophagy induction** and **autophagy inhibition**, **proteasome**, **HIF**, **E3 ligase**, **mTOR**, etc.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	254
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

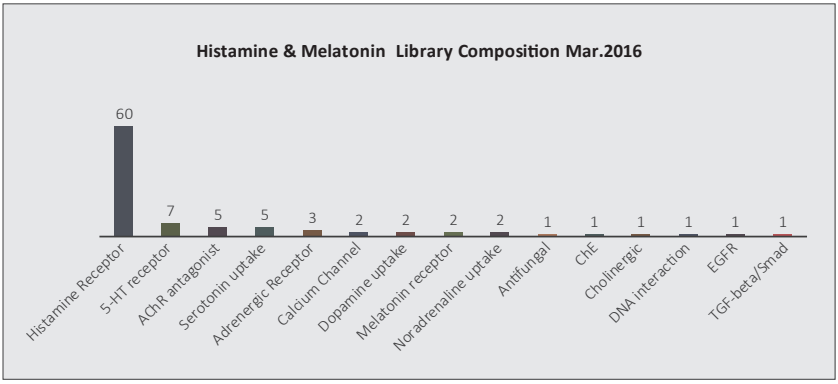
Histamine & Melatonin Library

The histamine & melatonin library contains **93** bioactive compounds, ideal for drug screening, and for research into the mechanisms of neurodegenerative diseases.

Description

- A unique collection of **93** compounds for **HTS** and **HCS**.
- Compound biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- Compounds specifically target the **histamine receptor** and **melatonin receptor**.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

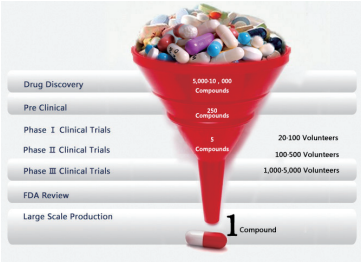
Size	Compounds
1mg/well (powder)	93
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

Clinical Compound Library

The clinical compound library is a collection of **432** compounds, all of which have been permitted into the clinical phase. Every compound contains comprehensive information on pharmacological activities, as well as sources and references etc.

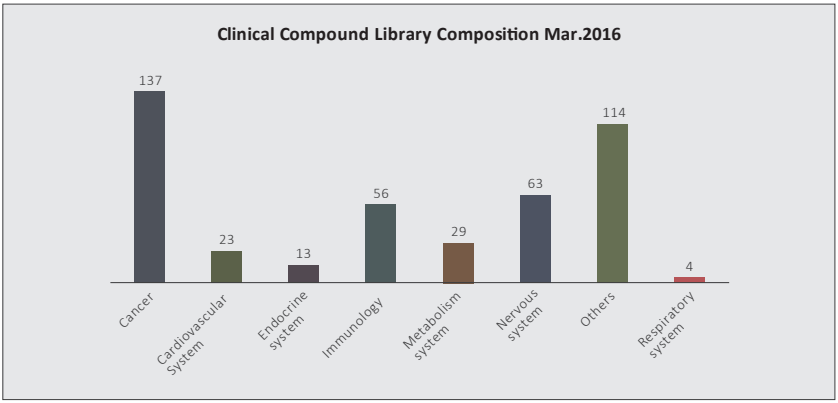


Description

- A unique collection of **432** drugs for **HTS** and **HCS**.
- All compounds have been permitted into **clinical phases** and have **known biological activities**.
- An effective tool for drug screening and new drug discovery.
- Detailed compound information, including structure, target, activity, IC50 value, and biological introduction.
- Structurally diverse, medicinally active, and cell permeable.
- NMR and HPLC validated to ensure high purity and quality.

All compounds are in stock.

Size	Compounds
1mg/well (powder)	432
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

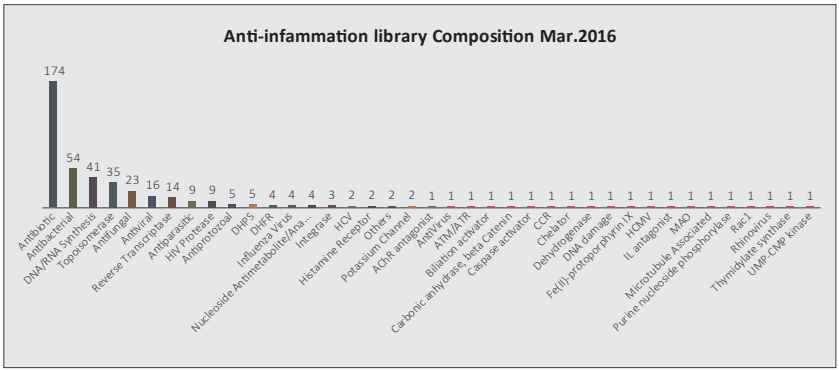
Anti-inflammation Library

A unique collection of **247** bioactive anti-inflammation compounds for drug screening, drug target identification, and other pharmaceutical-related applications.

Description

- A unique collection of **247** bioactive Anti-infection compounds for high **throughput screening (HTS)** and **high content screening (HCS)**;
- Bioactivity and safety confirmed by preclinical research and clinical trials, some have been approved by the FDA;
- A useful tool to research infectious disease for academic institutions, medical research organizations, and the pharmaceutical industry
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	247
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

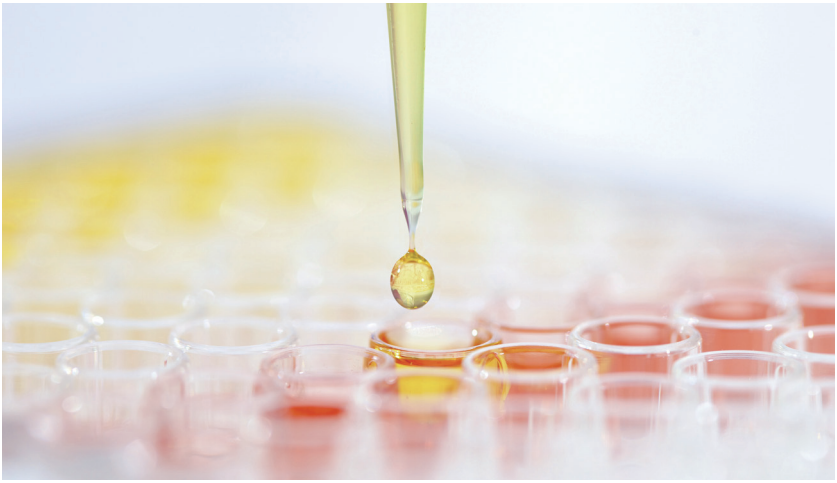
HTS Library

Advantages of this library are its **large capacity**, **diversity**, **range of new compounds**, and higher cost performance. In addition, compounds are more easily selected for **HTS** and **HCS**.

Description

- **As many as 5 million** small molecular compound collections, wide selection scope is easier to screen out the desired result;
- All compounds meet strict criteria screening to avoid adverse groups;
- 14000 different skeleton structure, comprehensive coverage;
- **More than 200000** is updated into the library every year;
- An effective tool for scientific research and drug screening;
- Detailed specifications, chemical structure, activity description, etc.;
- Structurally diverse, medicinally active, and cell permeable
- NMR and HPLC validated to ensure high purity and quality;
- All compounds are in stock.

Size	Compounds
10,000*1mg/well (powder)	5 million



Customize Your Library

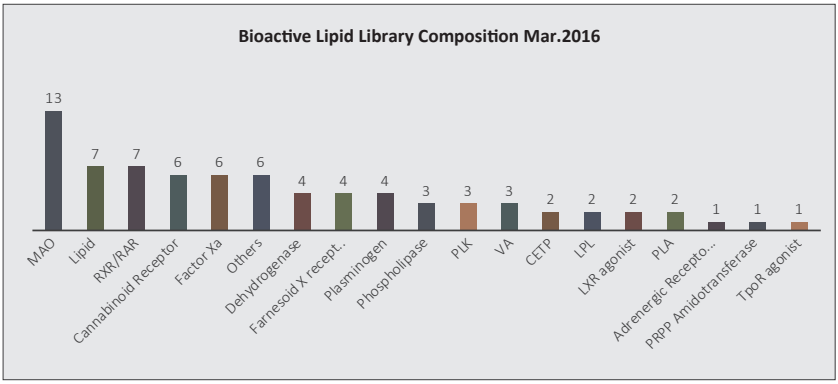
Bioactive Lipid Library

The bioactive lipid library contains **112** bioactive lipids aliquoted to 96-well plates.

Description

- A unique collection of **112** bioactive lipid compounds for **HTS** and **HCS**.
- Compound biological activity and safety have been verified through preliminary clinical studies and clinical trials.
- Targets include **GPCR**, **HDAC**, **PPAR**, **DNA alkylating agents**, **EGFR**, etc.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	112
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

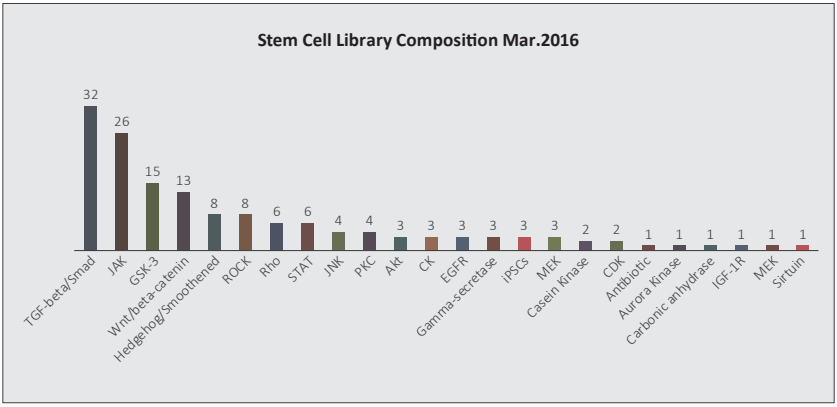
Stem Cell Library

The stem cell library consists of **150** small molecular compounds for use in research of the stem cell signaling pathway, and for new drug screening.

Description

- A unique collection of **150** compounds associated with stem cell signaling pathways for **HTS** and **HCS**.
- An effective means of studying the mechanisms of stem cell regeneration, regeneration therapy, and drug screening based on stem cells.
- Targets include **Wnt**, **GSK-3**, **Hedgehog**, **JAK**, **ROCK**, **γ -secretase**, etc.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	150
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	



Customize Your Library

The Human Endogenous Ligand Library

The human endogenous ligand library consists of **200** biologically active compounds related to endogenous metabolism; they are used for the study of endogenous metabolic diseases, and for new drug screening.

Description

- A unique collection of **200** human endogenous biologically active compounds for **HTS** and **HCS**.
- An effective means of studying human metabolic diseases and identifying new drug targets.
- All compounds can be selected according to molecular structure.
- Structurally diverse, medicinally active, and cell permeable.
- Detailed compound information, including structure, target, activity, IC50 value, and description.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock.

Size	Compounds
1mg/well (powder)	200
100 µL/well (10mM solution)	
250 µL/well (10mM solution)	

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