# **Compound Libraries**



### I Focused Bioactive Libraries

For drug screening, cell induction, drug repurposing, mechanism research, target identification, positive control and other related research fields.

1.1 Recommended Bioactive Libraries		Anti-Alzheimer's Disease Compound Library	L9840
Approved Drug Library		1.4 Target/Pathway-Focused Libraries	
Clinical Compound Library			14400
Bioactive Compound Library		Protease Inhibitor Library	
Bioactive Compound Library Max		Microtubule-Targeted Compound Library	
Featured Novel Bioactive Compound Library		AMPK-Targeted Compound Library	
FDA-Approved Drug Library	L4200	Epigenetics Compound Library	
Drug Repurposing Compound Library	L9200	PI3K-AKT-mTOR Compound Library	
404 1/0 1 111 1		Cytoskeletal Signaling Pathway Compound Library	
1.2 Approved/Repurposing Libraries		MAPK Inhibitor Library	
Approved Drug Library	L1000	GPCR Compound Library	
FDA-Approved & Pharmacopeia Drug Library	L1010	Nuclear Receptor Compound Library	
Clinical Compound Library	L3400	GPCR Compound Library Plus	
Preclinical Compound Library	L3410	Kinase Inhibitor Library	
FDA-Approved Drug Library	L4200	FDA-Approved Kinase Inhibitor Library	
NMPA-Approved Drug Library	L4210	Inhibitor Library	
Drug Repurposing Compound Library	L9200	Tyrosine Kinase Inhibitor Library	
		Ion Channel Inhibitor Library  Neuronal Signaling Compound Library	
1.3 Disease-Focused Libraries			
Anti-Viral Compound Library	L1700	Neurotransmitter Receptor Compound Library Adrenergic Receptor-Targeted Compound Library	
Anti-COVID-19 Compound Library		Serotonin Receptor-Targeted Compound Library	
Anti-Infection Compound Library		Autophagy Compound Library	
Anti-Diabetic Compound Library		Histamine & Melatonin Receptor-Targeted Compound Libra	
Anti-Cancer Compound Library		Methylation Compound Library	
Anti-Cancer Approved Drug Library		Cytokine Inhibitor Library	
Anti-Cancer Clinical Compound Library		JAK-STAT Compound Library	
Anti-Cancer Metabolism Compound Library		NF-kB Signaling Compound Library	
Cancer Cell Differentiation Compound Library		DNA Damage & Repair Compound Library	
Anti-Cancer Drug Library	L2150	TGF-beta/Smad Compound Library	
Chemotherapy Drug Library		Wnt/Hedgehog/Notch Compound Library	
Targeted Therapy Drug Library		Angiogenesis related Compound Library	
Anti-Cancer Active Compound Library	L2160	Mitochondria-Targeted Compound Library	
Immuno-Oncology Compound Library	L2170	Calcium Antagonist Library	
Anti-Lung Cancer Compound Library	L2190	Potassium Channel Blocker Library	
Anti-Breast Cancer Compound Library	L2191	Sodium Channel Blocker Library	
Anti-Pancreatic Cancer Compound Library	L2192	Chemokine Inhibitor Library	
Anti-Liver Cancer Compound Library	L2193	Cell Cycle Compound Library	
Anti-Neurodegenerative Disease Compound Library	L2620	HIF-1 Signaling Pathway Compound Library	
Anti-Fungal Compound Library		Ubiquitination Compound Library	
Anti-Parasitic Compound Library	L4510	Ferroptosis Compound Library	
Anti-Bacterial Compound Library	L4520	Cuproptosis Compound Library	
Anti-Nervous System Disease Library		Apoptosis Compound Library	
Immunology/Inflammation Compound Library		Phosphatase Inhibitor Library	L9100
Nonsteroidal Anti-Inflammatory Compound Library	L4710	Exosome Compound Library	L9420
Anti-Metabolism Disease Compound Library		Endoplasmic Reticulum Stress Compound Library	L9700
Anti-Cardiovascular Disease Compound Library	L5400	450	
Anti-Obesity Compound Library		1.5 Characteristic Bioactive Libraries	
Anti-Hypertension Compound Library		Transcription Factor-Targeted Compound Library	
Anti-Aging Compound Library		Nucleotide Compound Library	L1720
Hematonosis Compound Library		Endocrinology-Hormone Compound Library	
Anti-Fibrosis Compound Library		Human Endogenous Metabolite Library	
Anti-Parkinson's Disease Compound Library	L9830	Lipid Metabolism Compound Library	L2510

Glycometabolism Compound Library	L2520
Glycolysis Compound Library	L2521
Mouse Metabolite Compound Library	L2530
Gut Microbial Metabolite Library	
Glutamine Metabolism Compound Library	L2550
Metabolism Compound Library	L2560
Human Metabolite Library	L2570
Oxidation-Reduction Compound Library	L2900
Antioxidant Compound Library	L2910
Hematopoietic Toxicity Compound Library	L3100
Histone Modification Compound Library	L3500
DNA Damage and Repair Compound Library Plus	L3980
Antibiotics Library	L4400
Cardiotoxicity Compound Library	L4900
Fluorochemical Library	L5100
Toxic Compound Library	L5500
Drug-induced Liver Injury (DILI) Compound Library	L5510
Drug Metabolite/Impurity Library	L5800
CNS-Penetrant Compound Library	L5900
Bioactive Lipid Compound Library	L7000
Coagulation and Anticoagulation Compound Library	L7500
Neural Regeneration Compound Library	L7700
Osteogenesis Compound Library	L7900
Stem Cell Differentiation Compound Library	L8000
Reprogramming Compound Library	L8110
Chromatin Modification Compound Library	L8300
Food Additive Library	L9001
Pediatric Drug Library	L9210
ReFRAME Related Library	L9230
Macrocyclic Compound Library	L9300
PPI Inhibitor Library	L9400
Covalent Inhibitor Library	L9410
Cysteine Covalent Library	L9411
Target-Focused Phenotypic Screening Library	L9500
Peptide Compound Library	L9600
Cyclic Peptide Library	
Beta-Lactam Compound Library	L9820
Orally Active Compound Library	L9850

# II Natural Product Libraries

For cell induction research and the drug screening focused on unique natural structures along with new bioactivity.

#### 2.1 General Natural Product Libraries

Natural Product Library for HTS	L6000
Natural Product Library	L6010

#### 2.2 Characteristic Natural Product Libraries

Human Endogenous Metabolite Library	L2500
Gut Microbial Metabolite Library	
Selected Plant-Sourced Compound Library	L4600
Polyphenolic Natural Product Library	L6100
Alkaloid Natural Product Library	L6110
Flavonoid Natural Product Library	L6120
Terpene Natural Product Library	L6130
Saccharide and Glycoside Natural Product Library	L6140
Covalent Natural Product Library	L6150
RO5 Drug-like Natural Product Library	L6160
Yao Medicine Compound Library	L6200
Tibetan medicine Compound Library	L6210
Food as Medicine Compound Library	L6300
Marine Natural Product Library	L6400
Microbial Natural Product Library	L6500
Anti-Gastroenteritis Natural Product Library	L6600
Anti-infective Natural Product Library	L6610

Anti-Tumor Natural Product LibraryL6620 Anti-Tumor Natural Product LibraryL6700 Anti-Inflammatory Traditional Chinese Medicine Compound Library
Anti-COVID-19 Traditional Chinese Medicine Compound Library
Anti-Colorectal Cancer Traditional Chinese Medicine Compound Library .
Chinese Pharmacopoeia Natural Product Library
2.3 Natural Product Libraries for CADD
Selectable Natural Product LibraryL6020 Natural Product Derivatives Library for CADDL6030

# III Fragment Libraries

For various fragment-based drug design and new drug discovery.

#### 3.1 General Fragment Libraries

Featured Fragment LibraryL570	0
High Solubility Fragment LibraryL780	0

## 3.2 Characteristic Fragment Libraries

High Solubility Polyfunctional Group Fragment Library	L7810
High Solubility Micro Fragment Library	L7820
High Solubility Pharmacophore Fragment Library	L7830
High Solubility FragLite Fragment Library	L7840
High Solubility 3D Diversity Fragment Library	L7850
Mini Electrophilic Heterocyclic Fragment Library	L7860
Carboxylic Acid Fragment Library With Solubility	L7870
Drug-Fragment Library	L8800

# IV Drug-Like Compound Libraries

For drug design and new drug discovery.

#### 4.1 Compound Libraries for HTS/HCS

Mini Scaffold LibraryL560
Golden Scaffold LibraryL561

# V Custom Library

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

Please contact us at <a href="mailto:sales@targetmol.com">sales@targetmol.com</a> to customize your library.

#### Select



