# One-stop Screening Platform: Makes Compound Screening EASY

MCE One-stop Drug Screening Platform includes all kinds of in vitro experiments in the initial stage of new drug discovery, including computer virtual screening, DEL screening, in vitro screening of anti-tumor drugs, etc. According to specific needs, cost-effective service solutions can be tailored.

# Virtual Screening

A computational technique used to search millions of small molecules in order to identify those structures which are most likely to bind to a drug target.

# GPCR/Kinase/Cell-Based Compound Screening

- 100+ GPCR functional cell lines
- 400+ Kinases, including CAMK, CK1, TK, and common mutants
- 120+ human tumor cell lines

# **Diversity Compound** Libraries

- HY-L901 50K Diversity Library
- HY-L902 5K Scaffold Library
- HY-L903 3D Diverse Fragment Library
- High Hit Probability, High Reliability, Efficient Resupply with Short Delivery time

Preclinical

Development

High-throughput fluorescencebased assays, automated patch clamp electrophysiology assays as well as manual patch assays to identify the most promising candidates.

Ion Channel

Screening

# **Bioactive Compound** Libraries

- 19,000+ bioactive compounds

# **DEL Synthesis and** Screening

- lead-like and drug-like molecular properties

# Compounds

- 150+ Ready-to-Use compound libraries
- Cover 1.000+ different targets
- 20,000+ fragment compounds (Useful tools for fragment-based drug discovery (FBDD))

- 68 DEL libraries, covering over 1.3 billion DEL
- 6 Mini DEL libraries and 3 Super DEL libraries
- Abundant chemical spaces, novel structures,
- Strict quality control and verification system









# Customise Your Library (You can choose from)







Quantities



Plate Man



Concentration









## MedChemExpress Europe

Address: Bergkällavägen 37C, 192 79 Sollentuna, SWEDEN

# MedChemExpress USA

E-mail: sales@MedChemExpress.com Tel: 609-228-6898 Tech Support: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA

We do not sell to patients.

# Bioactive Molecules

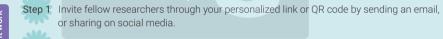


# Refer a Fellow Researcher Get a 20€ Amazon Gift Card

MCE Referral Scheme







Step 2 If your fellow researchers click on your link or scan your QR code, they will get your referral code by submitting their information.

Step 3 When your fellow researcher successfully placed their first order with your referral code, and the order amount is more than €100, you will receive a €20 Amazon gift card and your fellow researcher will receive a €20 MCE coupon.

\* Please find the terms and conditions of the MCE referral scheme at www.MedChemExpress.com



# **About Us**

MedChemExpress (MCE) is a global leader in supplying a wide range of high-quality research chemicals and biochemicals, including novel life science products, reference compounds, APIs, natural compounds, and GMP-grade small molecules for laboratory and scientific use.

- Headquartered in New Jersey, USA, branches and warehouses in Europe, China, and India
- 6,000+ partner research institutions, laboratories, biotech and pharmaceutical companies worldwide
- Cited by 30,000+ researchers across the globe
- 1-2 days fast delivery

# **Publications Citing Use of MCE Products**































# MCE Product Lines Include

# Inhibitors

### Inhibitors & Agonists

50,000+ selective compounds for 1,000+ different targets and 20+ hot signaling pathways.

### Natural Products

8,000+ natural products including flavonoids, alkaloids, quinones, phenols, terpenoids, steroids, etc.

## Isotope-Labeled Compounds

6,000+ isotope-labeled compounds with high purity and high isotopic enrichment.

## Fluorescence Dyes

1,000+ molecular probes and dyes, used for in vitro and in

## **Biochemical Assay Reagents**

400+ common reagents including co-solvents. enzyme substrates, indicators, etc.



## **Recombinant Proteins**

10,000+ purified recombinant proteins with excellent lot-to-lot consistency, optimum bioactivity and significantly low endotoxin

### Oligonucleotides

4,000+ oligonucleotides including antisense oligonucleotides (ASOs), siRNAs, miRNAs, CpG ODNs, aptamer, etc.

4,000+ high-quality tag peptides, amino acid derivatives, blocking peptides, and bioactive peptides.

## Inhibitory Antibodies

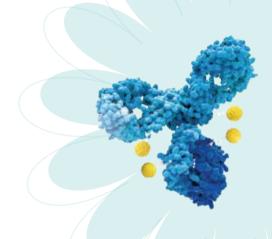
700+ monoclonal antibodies with specific bioactivity and high stability for in vivo research.

# **Featured Products**

# 1,000+ Antibody-Drug Conjugates

**Highly Selective strategy for Anti-tumor Therapy** 

- Contain ADC Cytoxin, ADC Linker, Drug-Linker Conjugate for ADC, and complete Antibody-Drug Conjugates.
- Provide one-stop service platform for synthesis of ADC components, bioactivity testing, analyses, and technical support.



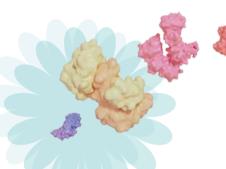


# 3,000+ Proteolysis Targeting Chimeric Molecules (PROTACs)

Improve the Druggability of "Undruggable" Targets

- Contain PROTAC, SNIPER, AUTAC, ATTEC, Molecular glue, etc.
- components, bioactivity testing, analyses, and technical support.

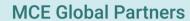




# 100+ ready-to-use Kits

- Molecular Biology-related: Kits for PCR, qPCR & RT-PCR, Nucleic Acid Gel Electrophoresis, Seamless Cloning, Nucleic acid & Plasmid extraction and purification, etc.
- Protein Biology-related: Protein Sample Preparation, Protein Purification, Protein Electrophoresis, SDS-PAGE, IP & WB, etc.
- Cell Biology-related: Transfection, Cell Culture, Cell Freezing, Apoptosis & Necrosis, Cell Proliferation and Cytotoxicity, etc.







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