

## Top Publications Citing of MCE Products in 2021



## Immune Research

**Innate immunity:** pattern recognition receptors (PRR, including TLR, CLR, RLR, NLR, etc.), pathogen-associated molecular patterns (PAMP, including LPS, LTA, PG, CpG DNA, etc.), damage-associated molecular patterns (DAMP, including cDAMPs, dsDNA, histones, etc.)

**Adaptive immunity:** antigen-presenting cells (APCs); Antigen presenting molecules (MHC); CD4 T cells; CD8 T cells; antibodies; antibody-dependent cell-mediated cytotoxicity (ADCC); complement mediated cytotoxicity (CDC)

**Tumor immunity:** immune checkpoint (PD-1/PD-L1A, CTLA4); tumor microenvironment; immune escape

## Immunology Related Products

### I Immunology Related Molecules

- **5,000+** bioactive molecules covering diverse fields of immunology (COVID-19, cancer immunotherapy, Immunology/Inflammation, anti-infective agents against bacteria, virus, fungi and protozoa., etc.)
- Rich variety of compounds (small molecules, natural compounds, antibody inhibitors, recombinant proteins, etc.)

### I Immunology Related Compound Libraries

- Hundreds of immunology-related targets
- Diverse screening immunology related libraries

**Anti-Infection Compound Library** (1,900+ compounds): Targets include Bacteria, Fungi, Parasite, CMV, HIV, SARS-CoV, Influenza Virus, etc.

**Immunology/Inflammation Compound Library** (3,200+ compounds): Targets include CCR, COX, Interleukin Related, IRAK, MyD88, PDE, PD-1/PD-L1, TLR.

**Anti-COVID-19 Compound Library** (1,500+ compounds): All compounds are derived from virtual screening of approved compound library and clinical compound library based on the 3CL protease, Spike Glycoprotein and ACE2 structure.

**Small Molecule Immuno-Oncology Compound Library** (300+ compounds): Targets include PD1/PD-L1, ROR, CCR, CXCR, Sting, IDO, TLR.

MCE also offers customized compound libraries based on your specific needs. You can select compounds, format (powder/liquid), size and plate map depending on your requirements.

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## Master of Bioactive Molecules

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