



# PRODUCT CATALOGUE

LIVZON PHARMACEUTICAL GROUP INC.

# LIVZON

## PHARMACEUTICAL GROUP INC.

Livzon Pharmaceutical Group is a fully integrated pharmaceutical company (000513.SZ Stock Exchange, 1513.HK Stock Exchange) dedicated to put patient life quality as first priority, and focus on innovative technologies and products for unmet medical needs. Livzon Group has R&D team of over 900 scientists; Livzon develops, manufactures and distributes API/intermediates, therapeutic products including small molecules, antibody products, recombinant proteins, novel cell therapy, traditional Chinese medicine, in vitro diagnostic products and molecular diagnostic assays. Livzon Group currently has 13 manufacturing plants with over 9000 employees and recorded an operating income of USD1.8 billion, net profit of USD 277.5 million in FY2022.



Top 200 Asian SMEs by Forbes  
Top 20 Pharmaceutical Company in China  
Top 10 Biopharmaceutical R&D Company in China

Recombinant SARS-CoV-2 Fusion Protein Vaccine (Code: V-01)

# Emergency Use Authorization

Preferred Vaccine as a Sequential Booster Shot Against  
SARS-CoV-2 Variants including Omicron



A Reliable Vaccine with Excellent Safety Profile and Strong Efficacy data





# Specialty Drugs



## Ilaprazole Enteric-Coated Tablet & Ilaprazole Sodium for Injection

- Ilaprazole Sodium for Injection, the innovator worldwide
- Novel PPI for gastric ulcer, gastroduodenal ulcer & Peptic ulcer and stress ulcer bleeding
- Long-lasting efficacy of acid-suppressing
- Less doses, less side effects and better efficacy



## Recombinant Human Chorionic Gonadotropin for Injection

- First biosimilar of the original product
- Upgraded recombinant protein product which is better than urine-source HCG and better inter-batch consistency
- Comparing with uHCG, rHCG has more fully control on quality, higher purity



## Cetrorelix Acetate for Injection

- China NMPA approval, US FDA ANDA
- The third generation of GnRHA, Cetrorelix has its unique pharmacokinetics and stability, avoiding the occurrence of allergy as an ideal drug
- It is identified as having the same therapeutic effect as GnRHA due to its advantage of short duration of use and few adverse reactions



## Recombinant humanized anti-human IL-6R monoclonal antibody injection

- Tocilizumab, biosimilar
- Treatment to adult patients with moderate to severe active rheumatoid arthritis who have no efficacy in anti-TNF target rheumatoid arthritis (RA)
- Treatment of systemic juvenile idiopathic arthritis (sJIA) and cytokine release syndrome (CRS)
- Potential therapeutic benefits for COVID-19 patients



## Leuporelin Acetate Microspheres for Injection

- Long-term GnRH-a sustained release microsphere preparation
- The most effective drug for treatment of endometriosis, uterine fibroids

# PRODUCTS AVAILABLE FOR OVERSEAS MARKET

## Marketed Products for Sales & Distribution

### COVID-19 Vaccine

	Products	Specifications	Dossiers Available
1	Recombinant SARS-CoV-2 Fusion Protein Vaccine (Code: V-01)	10µg (0.5 mL) /Vial 20µg (1.0 mL) /Vial	CTD

### Reproduction

	Products	Specifications	Dossiers Available
1	Recombinant Human Chorionic Gonadotropin alfa for Injection (r-HCG)	6500IU/250µg	CTD, PIC/S GMP
2	Chorionic Gonadotrophin for Injection (HCG)	1000IU, 2000IU, 5000IU	
3	Menotrophin for Injection (HMG)	75IU, 150IU	
4	Urofollitropin for Injection (FSH)	75IU	
5	Cetrorelix Acetate for Injection	0.25mg	CTD US FDA ANDA

### Immune Disease

	Products	Specifications	Dossiers Available
1	Tocilizumab Injection	80mg/4ml	CTD

### Oncology

	Products	Specifications	Dossiers Available
1	Triptorelin Acetate Microspheres for Injection	3. 75mg	CTD
2	Leuprorelin Acetate Microspheres for Injection	3.75mg	CTD

### GI Tract

	Products	Specifications	Dossiers Available
1	Ilaprazole Enteric-Coated Tablets	5mg	CTD, PIC/S GMP
2	Ilaprazole Sodium for Injection	10mg	CTD Global Innovator

PRODUCTS AVAILABLE FOR OVERSEAS MARKET

Respiratory/ Inhalation Formulation

Products		Specifications	Dossiers Available
1	Compound Ipratropium Bromide Solution for Inhalation	2.5ml:0.5mg of Ipratropium bromide and 2.5mg of albuterol	CTD
2	Levosalbutamol Hydrochloride Nebuliser Solution	3ml:1.25mg 3ml:0.63mg 3ml:0.31mg	CTD
3	Ipratropium Bromide Solution for Inhalation	2ml:0.25mg 2ml:0.5mg	CTD
4	Budesonide Suspension for Inhalation	2ml:0.5mg 2ml:1mg	CTD
5	Tobramycin Inhalation Solution	5ml:300mg	CTD
6	Terbutaline Sulfate Nebuliser Solution	2ml:5mg	CTD
7	Acetylcysteine Solution for Inhalation	3ml: 0.3g	CTD

R&D Pipelines for Collaborations/Licensing-out

Biologics

Project Name	Therapeutic Area	Drug Target	Drug Type	Molecule Type	R&D Status
A-01 LZM009	Oncology	Pro-IFN PD-1	New molecule New molecule	Fusion protein McAb	Phase I CT Phase II CT
B-01	Reproduction	r-FSH	Biosimilar(GONAL-F)	Recombinant protein	Phase III CT
LZM012	Immune Disease	IL-17A/F	New molecule	McAb	Phase I CT

Microsphere

Projects Name		Indications	Specifications	R&D Status
1	Triptorelin Acetate Microspheres for Injection	Sexual precocity, endometriosis, infertility, preoperative treatment of uterine fibroids	3.75mg	NDA Filing
2	Octreotide Acetate Microspheres for Injection	Acromegaly / Gastrointestinal pancreatic neuroendocrine tumor	10.00mg 20.00mg 30.00mg	BE Study
3	Aripiprazole Microspheres for Injection	Schizophrenia	300mg 400mg	Phase I &III CT
4	Triptorelin Pamoate Microspheres for Injection	Prostate cancer	15.00mg	Phase I CT
5	Goserelin Acetate Sustained-Release Depot	Prostate cancer, breast cancer, endometriosis	3.60mg	BE Study

Generic Products for Sales & Distribution			
	Products Name	Dosage	Dossier
Orphan drug for the treatment of malignant high fever			
1	Dantrolene Sodium for Injection	20mg	CTD
Nervous System			
2	Mouse Nerve Growth Factor for Injection	30μ g(15000AU)	
Psychotropic			
3	Fluvoxamine Maleate Tablets	50mg	CTD
Antiviral			
4	Valaciclovir Hydrochloride Tablets	0.3g, 0.5g	CTD
Gastrointestinal			
5	Bismuth Potassium Citrate Tablet/ Tinidazole Tablet/Clarithromycin Tablet	4Tabs/2Tabs/2Tabs	CTD
6	Omeprazole Sodium for Injection	40mg	CTD
Antibiotics			
7	Kanamycin Injection	500mg/2ml 1000mg/3ml	CTD WHO-PQ
8	Vancomycin Hydrochloride for Injection	0.5g	CTD
9	Cefodizime Sodium for Injection	0.5g, 1.0g	CTD
10	Cefuroxime Sodium for Injection	0.75g	CTD
11	Voriconazole injection	0.1g, 0.2g	CTD
Nutritional Infusion			
12	Alanyl Glutamine Injection	100ml	CTD
Immunomodulator			
13	Ciclosporin Soft Capsules	25mg, 50mg	CTD
Cardiovascular Drug			
14	Valsartan Capsules	80ml	CTD
15	Amlodipine Besylate Capsules	5mg	CTD
16	Isosorbide Mononitrate Tablets	10mg, 20mg	CTD



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