



**DSL CHEMICALS**  
MAKES THE DIFFERENCE

# **Custom Manufacturing**

**Fine Chemicals**

**Specialty Chemicals**

**Pharmaceutical  
Intermediates**





**DSL Chemicals**  
MAKES THE DIFFERENCE

## WHO WE ARE

Founded in 1997, DSL Chemicals conducts research, development, and manufacturing of a diverse range of high-quality chemical compounds. These include Fine Chemicals, Specialty Chemicals and Pharmaceutical intermediates.

DSL Chemicals is a globally recognized supplier of fine chemicals and custom manufacturing services, with about 30 years' experience in the United States, European Union, and Japanese markets. Our comprehensive operations encompass a laboratory and two production facilities spanning over 900,000 square feet, employing approximately 300 individuals. We have established sales offices in China, Japan, and Canada to cater to our diverse clientele. Our capabilities include custom synthesis and contract manufacturing, utilizing our in-house kilolab, pilot scale, and multi-purpose production facilities in China.

The independently owned R&D Laboratory and Pilot Plant of DSL Chemicals possesses the capability to manufacture customized chemicals in quantities ranging from grams to tons, adhering to ISO 9001:2015 or GMP, cGMP, and DMF quality standards.

We prioritize open communication with our clients, ensuring that their requirements are met with the utmost professionalism and confidentiality.



## OUR MISSION

Our mission is to be the premier global supplier of fine chemicals and custom manufacturing solutions, driven by unwavering commitment to excellence and customer satisfaction.



# COMPANY TIMELINE

- 2025 - Hazardous Chemicals Business License Renewed
- 2022 - DSL Chemicals certified for ISO9001:2015
- 2019 - Approval by the government for Hazardous Chemicals Business License under new regulation.
- 2011 - Allied Laboratories Co.,Ltd in Japan was established.
- 2009 - DSL Chemicals upgraded to ISO 9001:2008.
- 2008 - DSLChem, Inc. in Canada was established.
- 2006 - DSL Chemicals certified for ISO 9001:2000.
- 2004 - DSL Chemicals (Nantong) Co., Ltd. was established.
- 2000 - DSL Chemicals Shanghai QC Dept. was established.
- 1999 - DSL Chemicals (Changzhou) R&D Centre was established.
- 1997 - DSL Chemicals was established.







## PRODUCTS & SERVICES

Our seasoned chemists and state-of-the-art equipment position DSL as a global leader in chemical manufacturing. Our capabilities encompass: Impurity tracking and profile optimization, regioisomer control and optimization in aromatic chemistry, and expedited service for project scale-up.

**DSL Chemicals conducts research, development, and manufacturing activities to produce a diverse portfolio of high-quality chemicals, with a specific focus on:**

- aromatic organic intermediates
- fine chemicals
- specialty chemicals
- intermediates for pharmaceuticals
- intermediates for agrochemicals

**We also offer custom manufacturing services for:**

- |   |                         |
|---|-------------------------|
| • Aromatic Aldehyde Compounds Derivatives               | Ph-CHO                  |
| • Aromatic Carboxyl Compounds and its Ester Derivatives | Ph-COOH                 |
| • Aromatic Nitrile Compounds Derivatives                | Ph-CN                   |
| • Acetophenone Derivatives                              | Ph-COCH <sub>3</sub>    |
| • Phenylacetic Acid Derivatives                         | Ph-CH <sub>2</sub> COOH |
| • Aromatic Halide Derivatives                           | Ph-X                    |

**DSL Chemicals manufactures over 900 chemicals for a diverse range of industries globally, employing innovative technologies and state-of-the-art advancements in organic synthesis.**





## PACKAGING & LOGISTICS

DSL Chemicals is licensed to transport hazardous chemicals and offers logistical services.

We can provide pre-shipment and evaluation samples on request and will handle all your logistical requirements. We ensure appropriate packing materials and labeling are used and comply by IATA regulations. Our UN-certified containers adhere to Dangerous Goods Regulations, and all air-freighted goods undergo pre-tested and official approval.

**We adhere to the global standard packaging regulations.**

### **For solids:**

- Aluminum laminated bag with outer drums
- PE/HDPE/PTFE bottles
- Aluminum cans
- Cartons
- Fiber or PE drums

### **For liquids and low-melting solids:**

- PE/HDPE/PTFE bottles
- Steel or PE drums

All shipping documents are duplicated and dispatched with the product, as well as mailed to the customers. These documents include a commercial invoice, packing list, Certificate of Analysis (CoA), Material Safety Data Sheet (MSDS), Certificate of Origin, and any other documents requested.

Shanghai DSL Logistics Service Co., Ltd., our sister company, offers the most efficient and economical transportation solutions.

### **For non-hazardous chemicals:**

- By courier (FedEx, UPS, DHL, TNT and etc)
- By air
- By vessel (FCL/LCL)
- By multi-modal transport

### **For hazardous chemicals, even small quantity samples:**

- By air
- By vessel (FCL or LCL if legally acceptable)



# FACILITIES & CAPABILITIES

## Main Production Facilities

Our two primary production facilities are equipped with the most advanced technology and cutting-edge equipment, ensuring the efficiency and precision of our chemical manufacturing processes.

- **Reactors (100L-5,000L)**

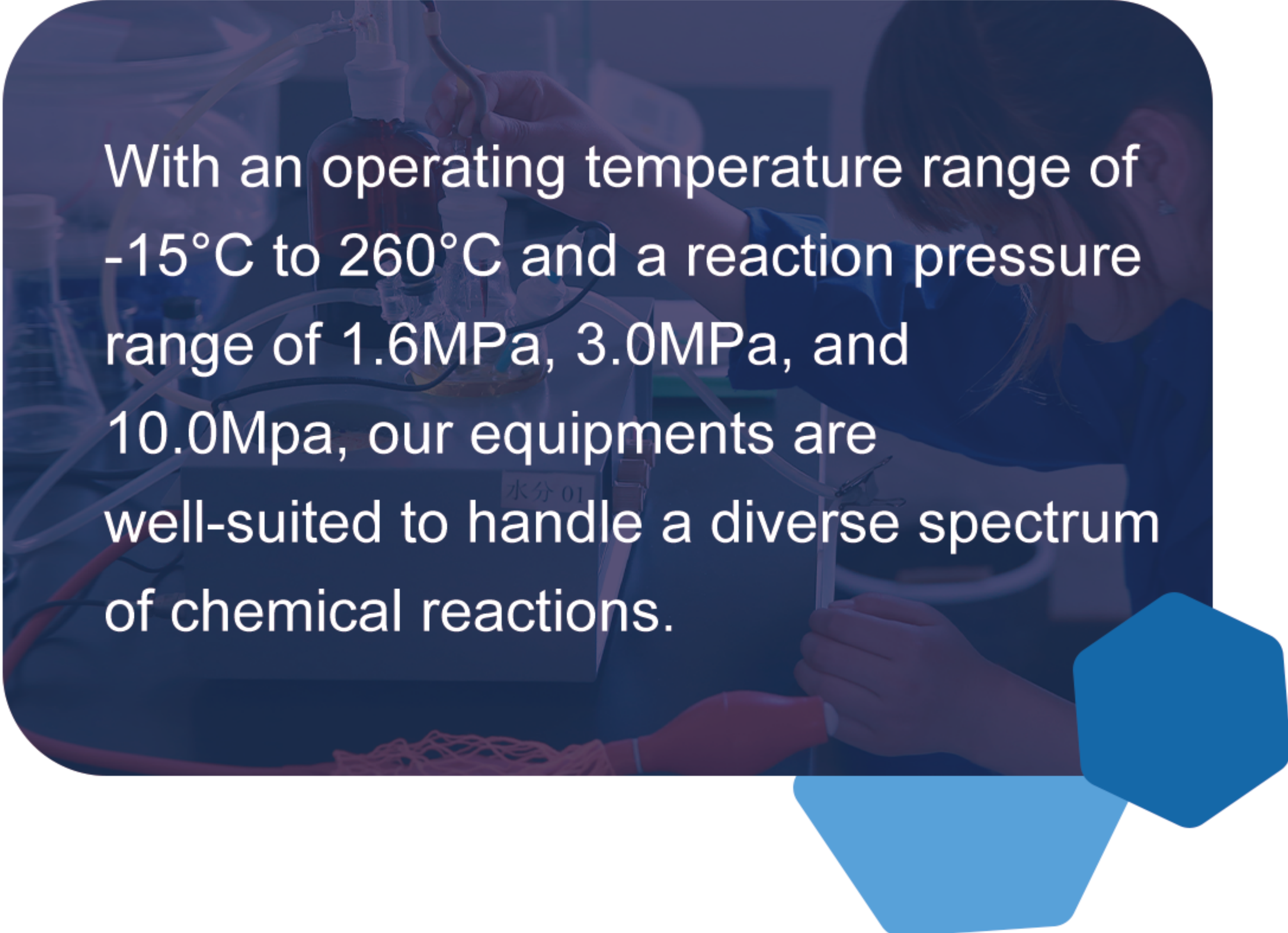
- Glass-lined
- Stainless Steel

- **Centrifuge**

- **Tray dryers**

- **Distillation vessels (10-1,000L)**

- **Distillation columns (TP60)**



With an operating temperature range of -15°C to 260°C and a reaction pressure range of 1.6MPa, 3.0MPa, and 10.0Mpa, our equipments are well-suited to handle a diverse spectrum of chemical reactions.

## Analytical Facilities & Equipment

At DSL Chemicals, we uphold the highest standards of quality control. Our state-of-the-art analytical laboratory is instrumental in maintaining the exceptional quality of our products.

- |                                      |   |
|--------------------------------------|---|
| • NMR spectrometer (Bruker Avance)   | • FT-IR (Thermo)                        |
| • Acquity UPLC (Waters H-Class)      | • pH Meter (Corning pH/Ion Analyzer)    |
| • HPLC (Agilent, Shimadzu, Waters)   | • KF (Metrohm KF Coulometer)            |
| • LC-MS (Hewlett Packard HP, Waters) | • IR Moisture Analyzer (Mettler Toledo) |
| • GC (Shimadzu, Agilent)             | • Balance (Mettler Toledo)              |
| • GC-MS (PE Clarus 500)              | • Precision Balance (Shimadzu)          |
| • UV-VIS (Beckman)                   | • Melting Point                         |

## Our Quality Control

To ensure superior product quality, DSL Chemicals maintains an independent Quality Control (QC) center responsible for testing and verifying the quality of all purchased products. Adhering to stringent quality standards, we not only meet but also exceed our customers' expectations.

## Versatile Chemical Reactions:

DSL Chemicals specializes in a diverse range of chemical reactions, encompassing: Alkylation, Amination, Condensation reactions, Cyanation, Diazotization, Esterification, Friedel-Crafts reactions, Grignard reactions, Halogenation (F, Cl, Br, I), Hydrogenation (Pd/C, Pt), Lithiation, Nitration, Oxidation, Reduction ( $\text{NaBH}_4$ , Fe, etc.), and Suzuki Coupling reactions.



**DSL**

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**OUR MARKET SPANS THE GLOBE**

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