




## OUR SEAL SANDS SITE

KD Pharma is a contract manufacturer that develops products in the pharmaceutical space by employing state-of-the-art technology. Since its inception in 1988, KD Pharma has focused on utilizing cutting edge technologies to develop and manufacture exceptional quality APIs. These twin pillars of technology and quality are the foundation of the KD Pharma CDMO Division.

KD Pharma's world-class synthesis and fractionation facility in the UK has a long track record in API production. Flexible multi-purpose plants allow us to put your vision to work. KD Pharma's specialized equipment provides development and rapid scale-up of complex, multi-step synthetic chemistry. The total reactor volume at the site is  $> 250 \text{ m}^3$ .



Defined by you.  
Scale-up by us.™



## Pilot Plant – 3 trains

- Vessel Size: 50 - 1,000 liters
- Materials of Construction: glass-lined, stainless steel, Hastelloy®, and Inconel®
- Key Differentiators:
  - Cryogenic capabilities (-80 °C)
  - 64 Bar hydrogenation reactor (400 liters)
  - Clean rooms
- Isolation Equipment: Nutsche filter-dryer; tray dryer



## Production Building (P7)

- Vessel Size: 1,000 - 10,000 liters
- Materials of Construction: glass-lined, and stainless steel
- Key Differentiators:
  - Isolators for charging/discharging solids
  - Simulated Moving Bed Chromatography
  - Solvent recovery system
- Isolation Equipment: Nutsche filter-dryers

## Production Building (P9)

- Vessel Size: 1,000 - 10,000 liters
- Materials of Construction: glass-lined, stainless steel, Hastelloy®, and Inconel®
- Key Differentiators:
  - Cryogenic capabilities (-80 °C)
  - 64 bar hydrogenation reactor (4,000 liters)
  - Handling of hazardous reagents and chemistries
  - Clean rooms
- Isolation Equipment: Centrifuges; Nutsche filter-dryers

Let's discuss your specific manufacturing challenges today!

Contact us at: [CDMO@kdpharmagroup.com](mailto:CDMO@kdpharmagroup.com)

