




HIGH-PRESSURE HYDROGENATION

Sophisticated reduction technologies:

The CDMO Division of KD Pharma operates highly corrosion resistant Inconel® facilities to perform hydrogenation under pressure up to 64 bar (928 psig) and temperatures up to 150°C from lab to industrial scale (4 m³). Both homogeneous as well as heterogeneous catalysis can be utilized.

Selected reaction types:

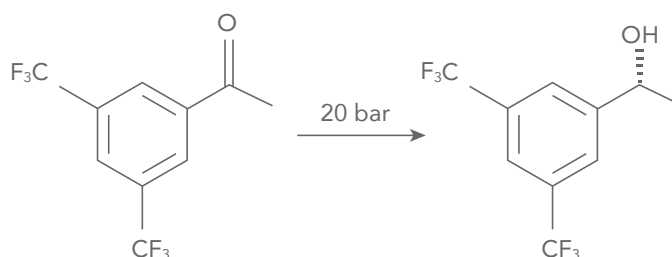
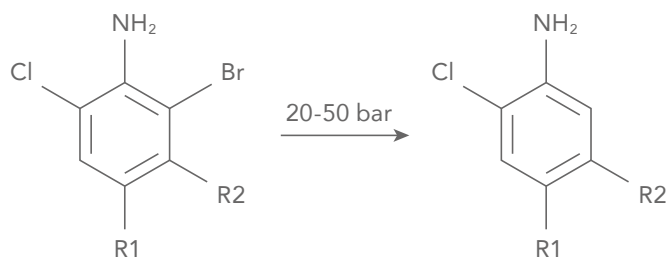
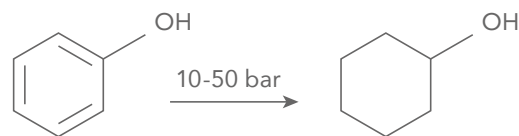
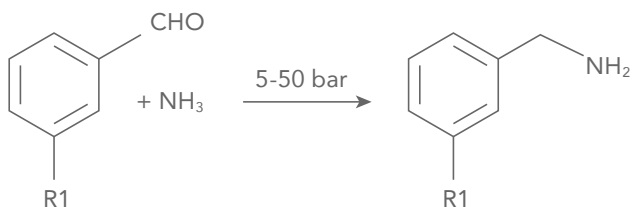
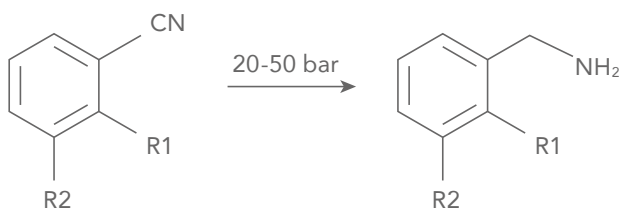
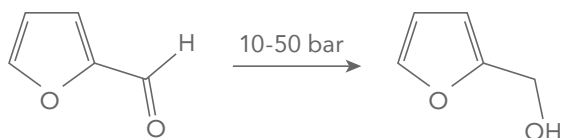
- Reduction of carbonyl derivatives
- Reduction of nitriles
- Reductive amination
- Ring hydrogenation
- Selective dehalogenation
- Asymmetric hydrogenation
- Hydrogen Transfer Catalysis (HTC)



Defined by you.
Scale-up by us.™



Examples:



Apart from HTC and reduction under pressure, KD Pharma performs reductions by means of different metals and metal-hydrides on a routine basis.

Let's discuss your specific manufacturing challenges today!

Contact us at: CDMO@kdpharmagroup.com

