



Key reactions

Batch

Continuous

Hydrogenation	✓	✓	All catalysts, up to 250 bar
Isomerisation	✓	✓	High selectivity at high flow rate
Oxidation	✓	✓	H ₂ O ₂ , KMnO ₄ , Air
Acetylation	✓	✓	High flow rate
Lithium chemistry	✓		Metal handling
Phosphorated chemistry	✓	✓	POCl ₃ , PCl ₃
Diazotation	✓		
Methylation	✓	✓	DMS or MeCl
Chlorinated chemistry	✓	✓	SOCl ₂ , SO ₂ Cl ₂ , POCl ₃ , Cl ₂ , HCl
Hydrohalogenation	✓	✓	Gaseous HCl, HBr
Cyanation	✓		K-CN or Na-CN
Metal hydride reaction	✓	✓	DIBAH, NaBH ₄ , Vitride
Pressure reaction	✓	✓	Up to 250 bar, CO, CO ₂ , NH ₃ ...