



	E 196 NN/W 5% Pd 5% Pd on Carbon	E 196 R/W 5% Pd 5% Pd on Carbon	E 101 NE/W 10% Pd 10% Pd on Carbon (Pearlman)	E 101 NE/W 20% Pd 20% Pd on Carbon (Pearlman)	E 101 B/W 5% Pd 5% Pd on Carbon	E 105 N/W 5% Pd 5% Pd on Carbon	E 105 NN/W 5% Pd 5% Pd on Carbon	E 105 O/W 5% Pd 5% Pd on Carbon	E 105 CA/W 5% Pd 5% Pd on Carbon	E 105 R/W 5% Pd 5% Pd on Carbon	E 107 R/W 10% Pd 10% Pd on Carbon	E 107 MA/W 5% Pd 5% Pd on Carbon	E 158 NN/W 5% Pd 5% Pd on Carbon	E 214 NN/D 5% Pd 5% Pd on Al ₂ O ₃	E 213 R/D 5% Pd 5% Pd on Al ₂ O ₃	E 407 R/D 5% Pd 5% Pd on CaCO ₃	EF 101 R/W 4% Pd + 1% Pt 4% Pd + 1% Pt on Carbon	CE 407 R/D 5% Pd + 3.5% Pb 5% Pd + 3.5% Pb on CaCO ₃ (Lindlar)	F 105 R/W 5% Pt 5% Pt on Carbon	F 105 N/W 5% Pt 5% Pt on Carbon	F 1015 RE/W 5% Pt 5% Pt on Carbon	F 1015 RCB/W 3% Pt 3% Pt on Carbon	CF 1082 BV/W 1% Pt + 2% V 1% Pt + 2% V on Carbon	CF 105 RA/W 1% Pt + 0.1% Cu 1% Pt + 0.1% Cu on Carbon	H 101 B/W 5% Ru 5% Ru on Carbon	H 213 B/D 5% Ru 5% Ru on Al ₂ O ₃		
Hydrogenolysis Reactions																												
O-Debenzylation (Cleavage of the Carbon-Oxygen Bond)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
N-Debenzylation (Cleavage of the Carbon-Nitrogen Bond)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Removal of the Cbz (Z) Protection Group	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cleavage of the Carbon-Oxygen Bond in Benzyl Alcohols	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cleavage of the Carbon-Oxygen Bond in Aliphatic Alcohols	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Rosenmund Reduction	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrodehalogenation of Aliphatics	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrodehalogenation of Aromatics	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Reductive Alkylation and Amination																												
Aldehydes and Ketones to Primary Amines	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Aldehydes and Ketones to Secondary Amines	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Aldehydes and Ketones to Tertiary Amines	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrogenation of Aromatics																												
Hydrogenation of Heteroaromatics	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrogenation of Aromatics (partial)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrogenation of Aromatics (total)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dehydrogenations and Oxidations																												
Dehydrogenation of Alcohols to Ketones/Aldehydes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dehydrogenation of Carbocyclic Rings to Aromatics	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Oxidation of Alcohols	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Oxidation of Sugars	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
CC Coupling reactions																												
Heck Reaction	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Suzuki-Coupling	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+