

Name	Reaction	Regio-selectivity	Stereo-selectivity
Hydrohalogenation		MARK	NONE (4 stereoisomers max)
Hydration		MARK	NONE (4 stereoisomers max)
Solvation		MARK	NONE (4 stereoisomers max)
Halogenation		MARK	ANTI ONLY (2 enantiomers)
Halohydrin Formation		MARK	ANTI ONLY (2 enantiomers)
Hydroboration-oxidation		ANTI-MARK	SYN ONLY (2 enantiomers)
Free radical hydrohalogenation		ANTI-MARK	NONE (4 stereoisomers max)
Epoxidation		N/A	NONE (2 enantiomers)
Dihydroxylation		N/A	SYN ONLY (2 enantiomers)
Ozonolysis		N/A	N/A
Hydrogenation		NONE	NONE (4 stereoisomers max)