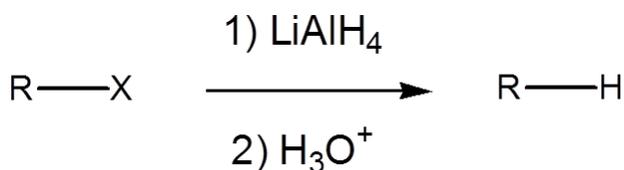


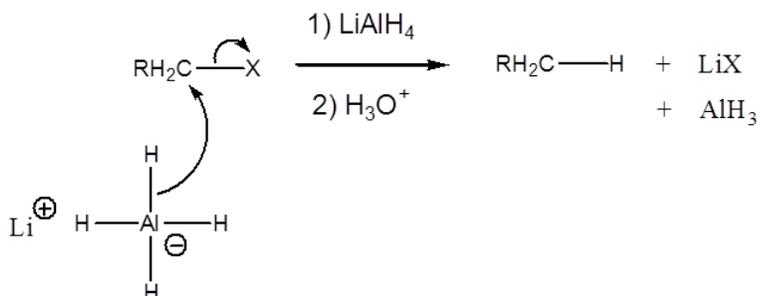
12.6: The Reduction of Polar C–X σ Bonds

Reduction of Halides

Alkyl halides can be reduced to alkanes through reaction with hydride reagents, most commonly LiAlH_4

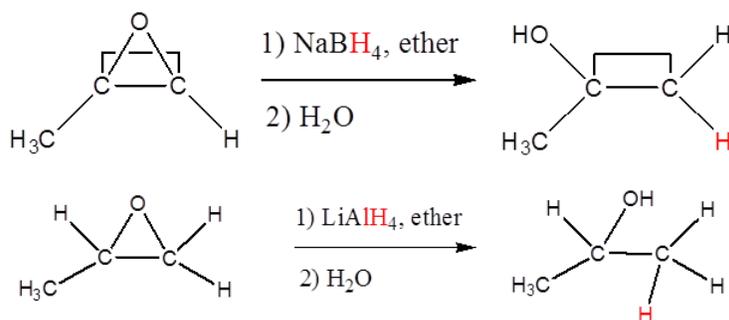


Mechanism



Hydride addition to epoxides

The hydride attacks the less substituted side of the epoxide. The H and OH are anti to each other.



Contributors

- Prof. Steven Farmer (Sonoma State University)

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