

Kinetic vs Thermodynamic Product: 1,2 vs 1,4 addition of bromine Br₂ to 1,3 butadiene

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{youtube}TvQoscquM6k{/youtube}

This video discusses the 1,2 and 1,4 addition of Bromine Br₂ to 1,3-butadiene. It discusses the difference between the kinetic product and thermodynamic product and how to identify them whenever you have 2 or 4 different products by analyzing the carbocation intermediate and the relative stability of the alkene product. The kinetic product is the major product under low temperature conditions and the thermodynamic product is the major product under high temperature conditions.

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