

ORGANIC CHEMISTRY 1 LECTURE GUIDE 2019

BY RHETT C. SMITH

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By Rhett C. Smith, Ph.D.

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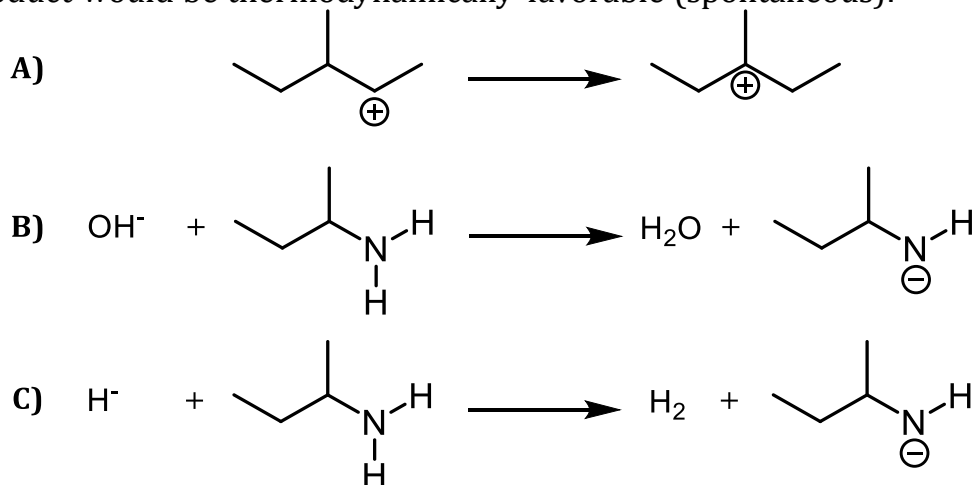
by Rhett C. Smith

Organic Chemistry 1 Primer 2019,

by Rhett C. Smith, Andrew G. Tennyson, and Tania Houjeiry

Thermodynamically Favorable (Spontaneous):

Example: Assuming that each process is mechanistically accessible, use your knowledge of stability trends to predict whether formation of product would be thermodynamically favorable (spontaneous):



Notes

Lecture Topic I.12: Predicting Reaction Spontaneity and Direction of Equilibria
Predicting Direction of Equilibria

Definition of Equilibrium:

Equations:

Nucleophilic addition example :

S_N2 example:

Nucleophilic Elimination example:

Notes