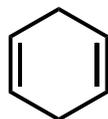


1,3-butadiene

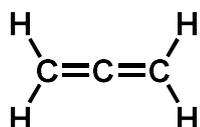
共役ジエン



1,4-cyclohexadiene 非共役ジエン

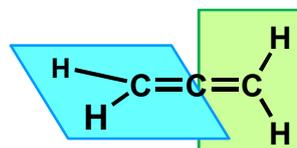
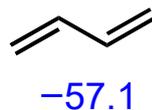
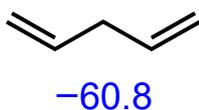
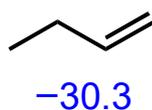


1,3-cyclopentadiene 共役ジエン

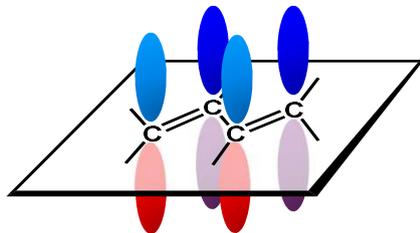


1,2-propadiene

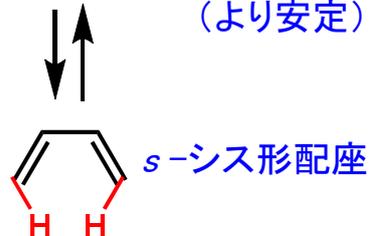
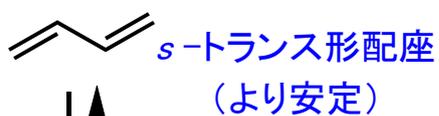
アレン

共役ジエンの水素化熱 ΔH° (kcal/mol)共役による安定化
 π 電子の非局在化

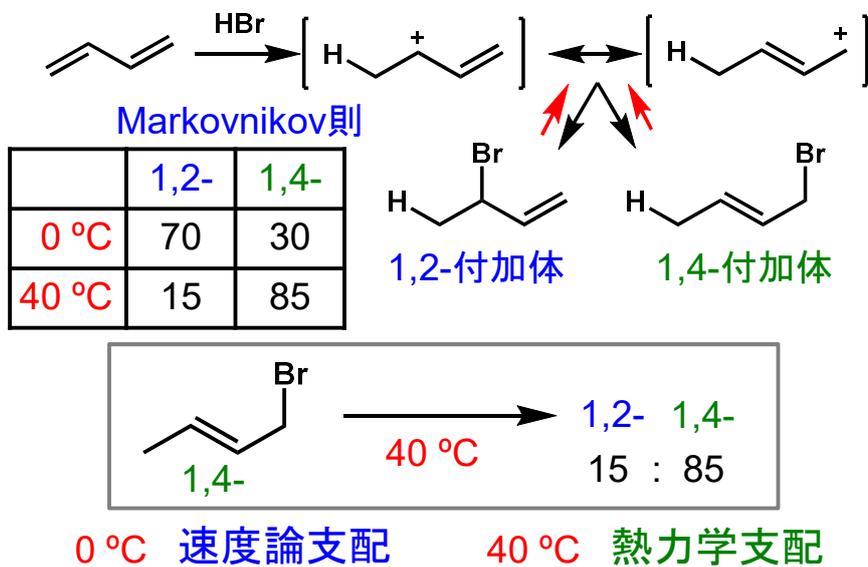
共役ジエンの立体配座



- 平面構造
- p軌道が平行



HXの付加 【速度論支配 vs. 熱力学支配】



臭素化

