



ORGOREVIEW

Question Vault

Welcome to orgoreview question vault. We have 5000 more problems for you to solve.

Share

- a) Draw a good 3-D drawing of a chair conformation of *trans*-1,2-dimethylcyclohexane.
- b). Draw a good 3-D drawing of the chair ring-flipped conformation that you drew in (a).
- c)
- i. How many gauche-like interactions that involve methyl groups are there in the molecule that you drew in question (a) ?
- ii. How many gauche-like interactions that involve methyl groups are there in the molecule that you drew in question (b) ?
- iii. What is the energy difference in units of "gauche-like interactions" between the conformation in (a) and the conformation in (b)?
- iv. What is ΔG for the equilibrium below in units of kJ/mol?

Conf 1 \rightleftharpoons Conf 2

VIDEO SOLUTION



How to Reach Us

Todd's Test Prep
2255 Glades Road
Suite 324A
Boca Raton, Florida 33431

E-mail: help@orgoreview.com

Links

[Contact](#)

[Terms](#)

[Privacy Policy](#)

follow us



Copyright 2026. All Rights Reserved.