

Stereochemistry of seven-membered heterocycles. 4. Dipole moments and conformations of seven-membered ketals of α -halocyclohexanones

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Abstract

1. The conformational equilibrium in seven-membered 2-chloro(bromo)cyclohexanone ketals derived from 2-butenediol and its 2,3-dichloro and benzo analogs is anachomerically shifted in favor of the axial form. 2. A graphical method is proposed for processing the dipole-moment data for this series of compounds. © 1981 Plenum Publishing Corporation.

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