

Stereochemistry of seven-membered heterocycles. Communication 18. Graphic processing of dipole moments of cis-2-ARYL-4-R-1,3-Di- xa-5,6-benzocycloheptenes and conformational characteristics of the 4-methyl group

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Abstract

1. By graphic processing of the dipole moments of cis-2-aryl-4-R-1,3-dioxa-5-6-benzo-cycloheptenes replacement of the H atom by Me(Ph) at C-4 was shown not to change the position of chair-twist equilibrium. 2. The chair-chair conformational energy and the enthalpy component of the Ce~Te conformation energy for the 4-methyl group were determined. © 1986 Plenum Publishing Corporation.

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