

Bulletin of the Academy of Sciences of the USSR Division of Chemical Science 1989 vol.38 N6,
pages 1139-1142

Influence of the solvent on the activation parameters of the conformational conversions of 2-substituted 1, 3-dithia-5,6-benzocycloheptenes

Latypov S., Klochkov V., Aganov A., Il'yasov A., Arbuzov B.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

The enthalpy and entropy of activation of the chair(e)-boat(e) interconversion for 2-substituted 1,3-dithia-5,6-benzocycloheptenes depend significantly on the type of the solvent, whereby the changes in the enthalpy of equilibrium and of activation are not determined by the same factors when the solvent is changed. © 1989 Plenum Publishing Corporation.

<http://dx.doi.org/10.1007/BF00957140>
