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Conformations of some 1,5-dioxaspiro[5.5]undecanes

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Abstract

1. A conformational equilibrium of the chair-like forms, which is shifted toward the conformers with an axial C-Hal bond, is characteristic for α -halocyclohexane trimethylene ketals. 2. The rotamer equilibrium due to the rotation about the exocyclic C-C bond, which is anancomerically shifted toward the t forms, is characteristic for the 2-chloromethyl(bromo-methyl)-1,3-dioxanes.
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