

Conformation of gem-diphenyl group in six-membered cyclic ethers of acids of sulfur, selenium, and arsenic

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Abstract

1. The sulfate, selenite, chloroarsenite, and bromoarsenite of 2,2-diphenyl-1,3-propanediol have been synthesized. 2. In the molecules of cyclic esters based on 2,2-diphenyl-1,3-propanediol, in the dissolved state, equivalent rotation of the phenyl groups relative to the ring symmetry plane is realized. © 1980 Plenum Publishing Corporation.

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