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## Three-dimensional structure of aryl methyl sulfoxides and $\alpha$ -halomethyl aryl sulfoxides

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### Abstract

1. Aryl methyl sulfoxides have a conformation close to an overlapping location of the S-O bond and the plane of the aromatic ring. 2. For the  $\alpha$ -halomethyl aryl sulfoxides, we have established an equilibrium of three conformers with predominance of gauche forms. © 1982 Plenum Publishing Corporation.

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