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## Vibrational spectra, dipole moments, and conformations of acyclic sulfoxides

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### Abstract

Acyclic aliphatic and aliphatic-aromatic sulfoxides exist in the form of equilibrium mixtures of conformations. In the case of bromomethyl methyl sulfoxide, a conformational equilibrium of three forms is observed, and an equilibrium between two forms basically exists for chloromethyl methyl sulfoxide and halomethyl aryl sulfoxides. © 1981 Plenum Publishing Corporation.

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