

Polarizations, polarizabilities, and conformations of the aryl methyl disulfides

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Abstract

1. Each of the aryl methyl disulfides exists in skew conformation with a C-S-S-C dihedral angle of 70-90°. 2. The angle of rotation of the p- XC_6H_4 , fragment relative to the plane of the Car-S-S bonds varies from molecule to molecule, depending on the nature of the X substituent. © 1977 Plenum Publishing Corporation.

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