

Polarizability anisotropy and steric structure of aryl thiocyanates

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Abstract

1. The polarizability parameters of the thiocyanate group were determined. 2. Phenyl thiocyanate has a planar conformation in solution. Its derivatives, with donor substituents in the *p* position of the ring, are characterized by a nearly coplanar arrangement of SCN and the ring. Acceptor substituents facilitate a withdrawal of the system from the plane. © 1979 Plenum Publishing Corporation.

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