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Conformation of trimethylene carbonate and electrical parameters of the carbonate group

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Abstract

1. The dipole moment (2.94 D) and the main semiaxes of the polarizability ellipsoid (3.863, 4.173, 1.115 Å) of the carbonate group have been determined. 2. Based on combined structural studies the C-envelope is the most probable conformation of trimethylene carbonate. © 1985 Plenum Publishing Corporation.

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