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Structure of alkyl 2,3-dibromo-3-nitroacrylates in solution

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Abstract

The structure of the new representatives of polyfunctional bromonitroalkenes, alkyl 2,3-dibromo-3-nitroacrylates, was examined by means of dipole moments, [B3LYP/6-31G(d)] quantum-chemical methods, and IR spectroscopy. They were found to have nontrivial Z-configuration in a solution. © 2010 Pleiades Publishing, Ltd.

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