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Study of intra- and intermolecular interactions with participation of α -phosphorylated amines and alcohols in different solvents

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Abstract

Specific interactions of α -hydroxy- and α -aminophosphonates in chloroform and pyridine solutions were studied by theoretical (molecular mechanics) and experimental methods (calorimetry and IR spectroscopy). A competition between intra- and intermolecular interactions and effect of steric factor in molecules of organophosphorus compounds were revealed.

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