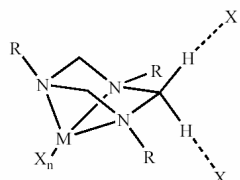


C-H...X Intermolecular Interaction in Crystals of Triazacyclohexane Complexes

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The ring C-H bonds in the triazacyclohexane of transition metal complexes tend to engage in C-H...X (X = Cl, F, O) dominating the intermolecular interaction [1]. These interactions lead to low solubility of many complexes. The comparative analysis of many neutral and cationic complexes is presented.



[1] Köhn R.D., Kampe P., Kociok-Köhn G., *Eur. J. Inorg. Chem.*, 2005, *in press*.

Keywords: hydrogen bonding, transition metal complexes, triazacyclohexane