

COMPLEX FORMATION OF CHROMIUM(III)FLUORIDE WITH ORGANIC N BASES

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The formation of complexes of CrF_3 with β -picoline, pyrazole and imidazole was studied. Their properties are discussed. The structures of $\text{CrF}_3 \cdot 2\beta\text{-pic} \cdot 4 \text{ H}_2\text{O}$, $(\text{CrF}_2\text{pz}_4)_2(\text{SiF}_6) \cdot 3 \text{ H}_2\text{O}$ and $\text{CrF}_3\text{pz}_3 \cdot (\text{CrF}_2\text{pz}_4)\text{ClO}_4 \cdot 2 \text{ MeOH}$, obtained by X ray diffraction, are reported.