

COMPLEXES OF TRANSITION METAL TRIFLUORIDES WITH  
ORGANIC N BASES

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Complexes formed by first row transition metal trifluorides with organic N bases ( $\alpha$ -,  $\beta$ -,  $\gamma$ -picoline, pyrazole, imidazole etc.) were studied by analytical and spectroscopic means. X-ray data are given on  $\text{MnF}_3 \cdot 3 \beta$ -picoline. The possibilities, to arrive at similar complexes by fluorination of chloro complexes, are discussed.