## SYNTHESIS OF COORDINATIVELY SATURATED COMPLEX FLUORO CATIONS

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Only three coordinatively saturated complex fluoro cations,  $ClF_6^+$ ,  $BrF_6^+$  and  $NF4^+$  are presently known. Their syntheses are difficult since the corresponding parent molecules do not exist. The presently known methods for their syntheses are discussed and include recent results from our laboratory on the preparation of  $ClF_6SbF_6$ ,  $ClF_6AsF_6$ ,  $ClF_6BF_4$  and  $NF_4^-$  salts using the KrF<sup>+</sup> cation as the oxidative fluorinator. A unifying concept is proposed for all known reactions leading to the syntheses of coordinatively saturated complex fluoro cations.

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