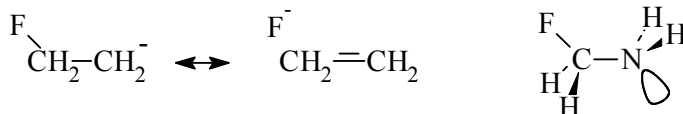


negative hyper-conjugation

The effect of donation of electron density from filled π or $n\pi$ -orbitals to the symmetry adapted σ^* -orbital(s) of σ -bond(s) of a molecular entity resulting in building π -character into bonds that nominally possess only σ -character. The consequences of the effect are, for example, in elongation of the C-F bond in the β -fluoroethyl anion and stabilization of the anti-periplanar conformation of fluoromethylamine.



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