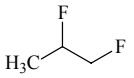
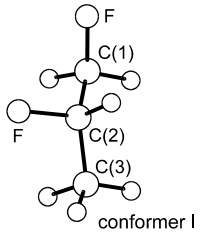
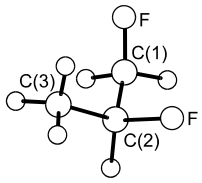
397 **$C_3H_6F_2$** **1,2-Difluoropropane** **C_1** (conformer I)
MW **C_1** (conformer II)



Two of three possible conformers, I and II, were assigned. Both forms have a F–C–C–F *gauche* atomic arrangement. The methyl group is *anti* to the C(1)–F bond in conformer I and *gauche* to this bond in II. Conformer II is 1.2(4) kJ mol^{-1} more stable than I. The barrier to methyl internal rotation is 11.88 kJ mol^{-1} in conformer I.



conformer I



conformer II

Marstokk, K.-M., Møllendal, H.: Acta Chem. Scand. **52** (1998) 296.