

gauche effect

1. The stabilization of the gauche (*synclinal*) conformation in a two carbon unit bonded vicinally to electronegative elements e.g. 1,2-difluoroethane.
2. The destabilization of the gauche (synclinal) conformation in a two carbon unit bonded vicinally to large, soft and polarizable elements such as sulfur and bromine.

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