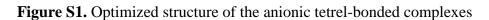
## "Supporting Information"

## Strong Tetrel Bonds: Theoretical Aspects and Experimental Evidence

Mehdi D. Esrafili \* and Parisasadat Mousavian

Laboratory of Theoretical Chemistry, Department of Chemistry, University of Maragheh, Maragheh, 5513864596, Iran; p.mosavian1327@gmail.com

\* Correspondence: esrafili@maragheh.ac.ir; Tel.: +98-42-12237955; Fax: +98-4212276060



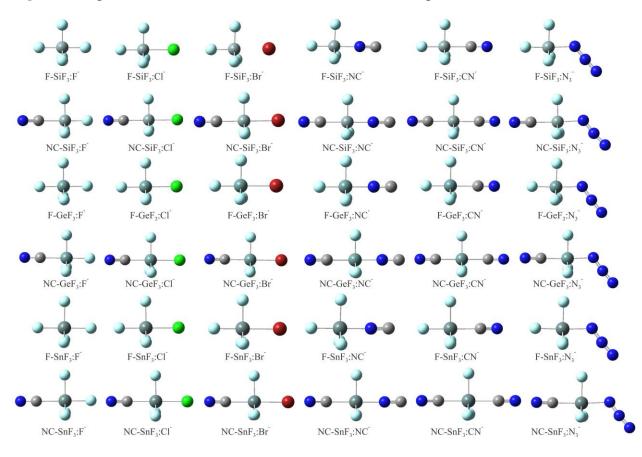
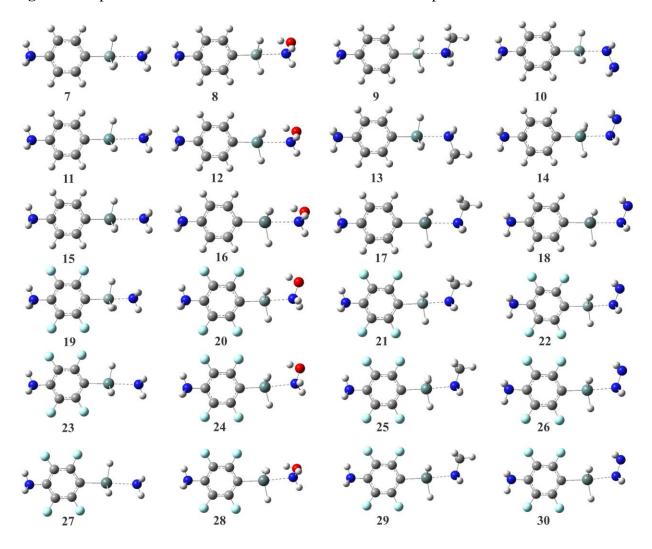
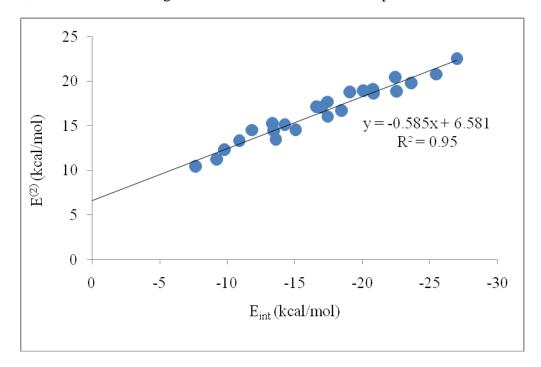


Figure S2. Optimized structure of the cationic tetrel-bonded complexes 7-30



**Figure S3.** Correlation between the stabilization energy, due to the  $LP(N) \to BD^*_{M-C}$  orbital interaction, and interaction energies of cationic tetrel-bonded complexes 7-30



**Figure S4.** Correlation between the net charge-transfer and interaction energies of cationic tetrel-bonded complexes **7-30** 

