

**Question #48809, Chemistry, Inorganic Chemistry**

Amongst the following which is the strongest bond and which is the weakest ?

C - H, C - C, C=C and C  $\equiv$  C

**Answer:**

C-C < C-H < C=C < C  $\equiv$  C

C-C 347 kJ/mol

C-H 413 kJ/mol

C=C 612 kJ/mol

C  $\equiv$  C 838 kJ/mol

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