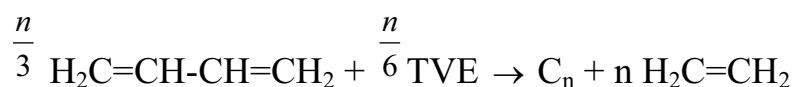


## Thermochemical characterization of the seven C<sub>80</sub> isomers by means homodemotic reaction

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The relative energy of stabilization for the seven isomers of C<sub>80</sub> was computed by means of the next homodesmotic reaction [1].



The obtained values show which the scale of stability is and which the thermodynamically most stable isomer is. A discussion about these results and other known propositions is presented.

- [1] a) Salcedo, R. & Fomina, L., *Tetrahedron Lett.* **48**, 3949 (2007); b) Salcedo R., Fomina L., Corrigendum, *Tetrahedron Lett.* **48**, 7731 (2007).