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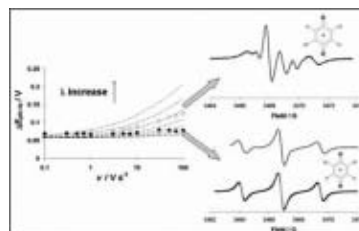
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*José L. Gázquez**

$$\Delta N = \frac{(\mu_{nuc} - \mu_{elec}) + \left\{ \int d\mathbf{r} f_{elec}^+(\mathbf{r}) v_{nuc}^{es}(\mathbf{r}) - \int d\mathbf{r} f_{nuc}^-(\mathbf{r}) v_{elec}^{es}(\mathbf{r}) \right\}}{\eta_{elec} + \eta_{nuc} - 2J_f}$$

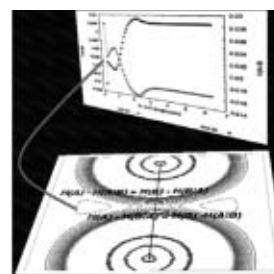
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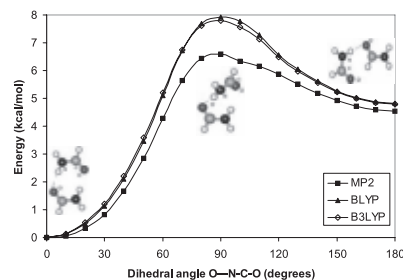
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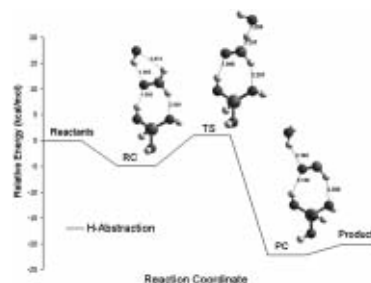


*The asterisk indicates the name of the author to whom inquiries about the paper should be addressed

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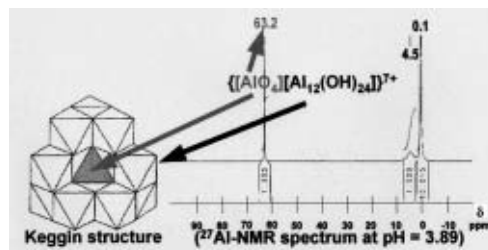
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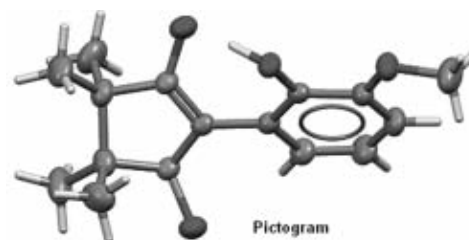
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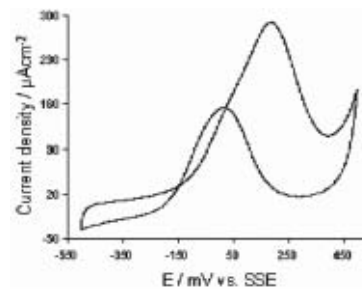
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$$S_{\rho}^u = \frac{1}{N} \left[\sum_i^N N_{\Omega_i} S_{\Omega_i} - \sum_i N_{\Omega_i} \ln N_{\Omega_i} \right] \dots \ln N$$

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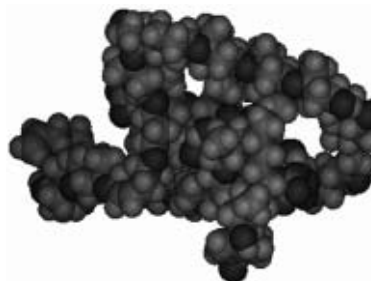
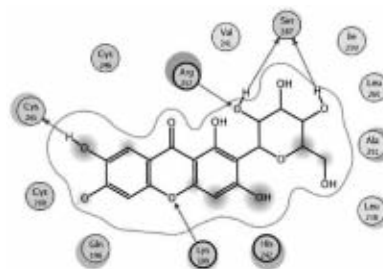
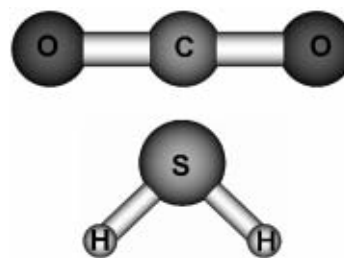


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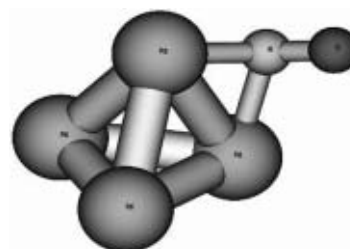
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