

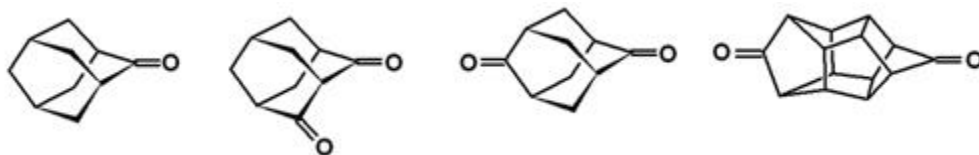


#### 4. Experimental evidence in support of transannular interactions in diketones (DS-339DP)

*Kata Mlinarić-Majerski, Marijana Vinković, Danko Âškare and Alan P. Marchand*

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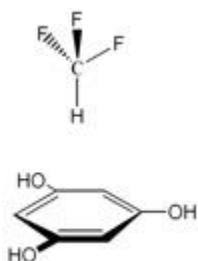
received Nov 19 2001; accepted Jun 3 2002; published Jun 11 2002;

#### 5. Substituent effects on the through-space nuclear magnetic spin-spin coupling in van der Waals dimers (DS-380DP)

*Alessandro Bagno, Giacomo Saielli and Gianfranco Scorrano*

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pp. 38 - 44



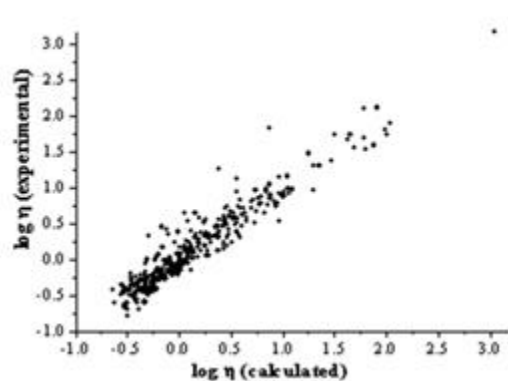
received Apr 4 2002; accepted Jul 22 2002; published Jul 30 2002;

#### 6. Correlation of liquid viscosity with molecular structure for organic compounds using different variable selection methods (DS-381DP)

*Bono Lucic, Ivan BaÂšić, Damir Nadramija, Ante Milicevic, Nenad Trinajstic, Takahiro Suzuki, Ruslan Petrukhin, Mati Karelson and Alan R. Katritzky*

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$$\begin{aligned} \log \eta = & -0.756 \\ & + 0.00233 \cdot G_I(\text{all bonds}) \\ & - 0.147 \cdot \chi \\ & + 47.5 \cdot \frac{\text{PPSA}(3) \cdot \text{HDSA}(2)}{\text{TMSA}^{3/2}} \\ & - 0.0697 \cdot \frac{\text{HDSA}(1) \cdot E_{\max}(\text{O})}{\text{TMSA}} \\ & - 25.6 \cdot \frac{\text{HDSA}(1) \cdot Q_{\max}(\text{O})}{\sqrt{\text{TMSA}}} \end{aligned}$$

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