

**1. A Tribute to Prof. Dionis E. Sunko (DS-458DT)**

*Hrvoj Vancik*

Full Text: [PDF \(127K\)](#)

**pp. 1 - 11**

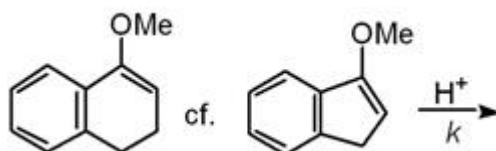
accepted Feb 11 2002; published Feb 19 2002;

**2. Acid-catalyzed hydrolysis of the vinyl ether group of 4-methoxy-1,2-dihydronaphthalene. Effect of conformation on reactivity (DS-333DP)**

*A. Awwal, W. E. Jones, A. J. Kresge and Q. Meng*

Full Text: [PDF \(104K\)](#)

**pp. 12 - 17**



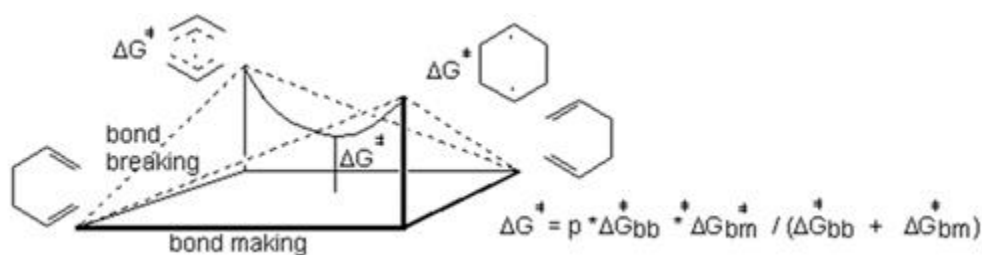
received Nov 9 2001; accepted Nov 4 2001; published Nov 12 2001;

**3. Substituent effects on the Cope rearrangement: neither centaurs nor chameleons can characterize them (DS-317DP)**

*Joseph J. Gajewski, Neal D. Conrad, Jahangir Emrani and Kevin E. Gilbert*

Full Text: [PDF \(131K\)](#)

**pp. 18 - 29**



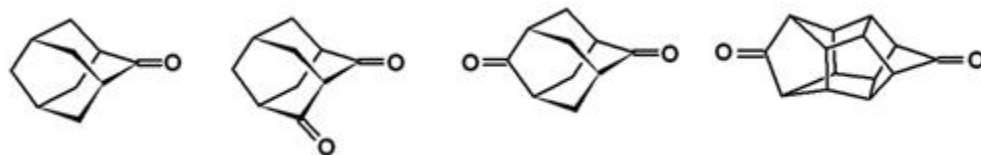
received Oct 1 2001; accepted Dec 3 2001; published Dec 11 2001;

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

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

Full Text: [PDF \(214K\)](#)

pp. 30 - 37



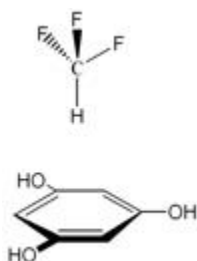
received Nov 19 2001; accepted Jun 3 2002; published Jun 11 2002;

#### 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*

Full Text: [PDF \(126K\)](#)

pp. 38 - 44



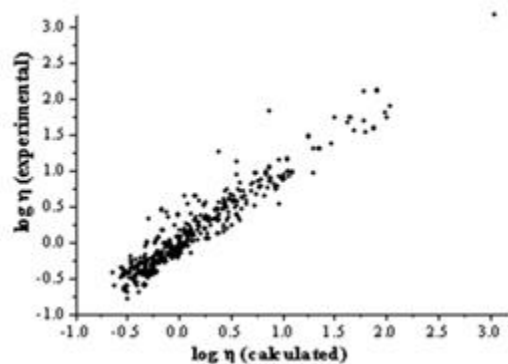
received Apr 4 2002; accepted Jul 22 2002; published Jul 30 2002;

#### 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*

Full Text: [PDF \(315K\)](#)

pp. 45 - 59



$$\begin{aligned} \log \eta = & -0.756 \\ & + 0.00233 \cdot G_I(\text{all bonds}) \\ & - 0.147 \cdot \chi^0 \\ & + 47.5 \cdot \frac{\text{PPSA}(3) \cdot \text{HDSA}(2)}{\text{TMSA}^{3/2}} \\ & - 0.0697 \cdot \frac{\text{HDSA}(1) \cdot E_{\max}(\text{O})}{\text{TMSA}} \\ & - 25.6 \cdot \frac{\text{HDSA}(1) \cdot Q_{\max}(\text{O})}{\sqrt{\text{TMSA}}} \end{aligned}$$

received Apr 6 2002; accepted Jul 23 2002; published Jul 31 2002;