

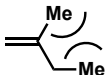


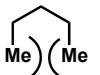


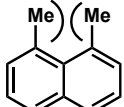


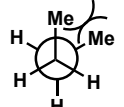



Bond lengths and interaction energies

Bond lengths (Å):

C—C	<u>1.54</u>	C—H	<u>1.09</u>
C=C	<u>1.34</u>	H—H	<u>0.74</u>
C=O	<u>1.20</u>	F—F	<u>1.42</u>
C≡C	<u>1.20</u>	I—I	<u>2.67</u>

Strain energies (kcal/mol):

	<u>27.5</u>		<u>9.7</u>		<u>3.0</u>
	<u>26.3</u>		<u>12.6</u>		<u>3.7</u>
	<u>6.2</u>		<u>21.6</u>		<u>7.6</u>
	<u>0.1</u>		<u>3.9</u>		<u>0.9</u>
	<u>7.0</u>				

Stabilizing interaction energies (kcal/mol):

H···X (H-bond)	<u>1-5</u>		<u>13</u>		<u>1.5</u>
	<u>27.1</u>		<u>38</u>		<u>36</u>
				(resonance energy)	