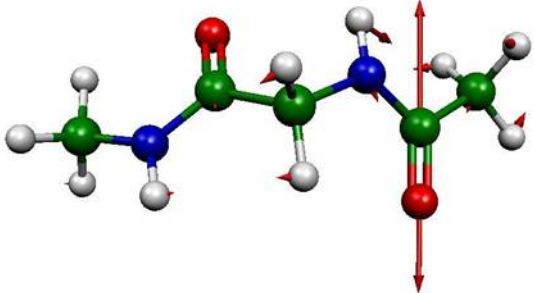


Methods, IPC, Koslowski

<p><b>Quantum chemistry</b></p> <p><i>Gaussian 03 and Gaussview</i></p>	<p>Model: Unit and Room: Responsible: Further information:</p>	<p><i>Gaussian 03 and Gaussview Physical Chemistry, various Prof. Thorsten Koslowski www.theochem.uni-freiburg.de</i></p>
<p>Short Description:</p> <p>Ready-to-use quantum chemistry program package and user interface</p> <p>Available Experiments/Techniques:</p> <p>HF, DFT, various post-SCF methods</p>	<p>Picture of the Equipment</p> 	
<p>Special Equipment:</p>		
<p>Measurements on the equipment are currently done by:</p>	<p><input type="checkbox"/> Students  <input checked="" type="checkbox"/> Students after Introduction  <input checked="" type="checkbox"/> Students after extensive training  <input checked="" type="checkbox"/> Trained scientific service personal</p>	
<p>Recent Publications, where this instrument was important (optional): Give citation</p>	<p>JACS 131, 8134 (2009); Phys. Rev. Lett. 102, 183401 (2009)</p>	
<p>Typical problems that may be solved with this instrument:</p>	<p><i>Electronic structure computations, geometry optimizations, vibrational and UV-VIS spectra calculations</i></p>	