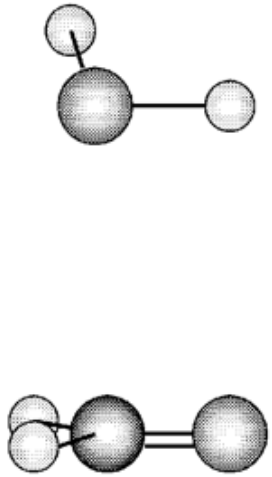
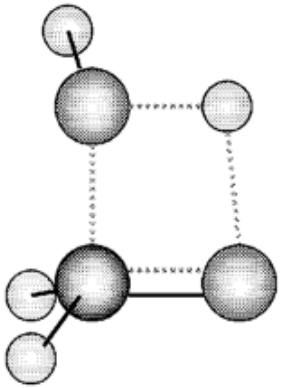
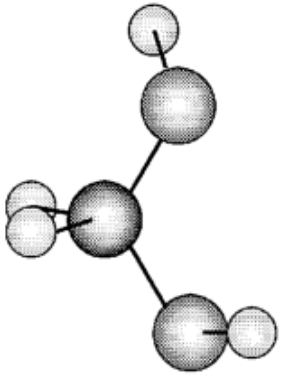
Calculation included five water molecules
to mimic solvent effects.



Formaldehyde
+ Water
Energy = 0



Transition State
Energy = + 38 kcal/mole



Methanediol
Energy = -26 kcal/mole

Theoretical Calculation of Formaldehyde Hydrolysis *in Solution*
Stewart's AM1 Potential with Configuration Interaction

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