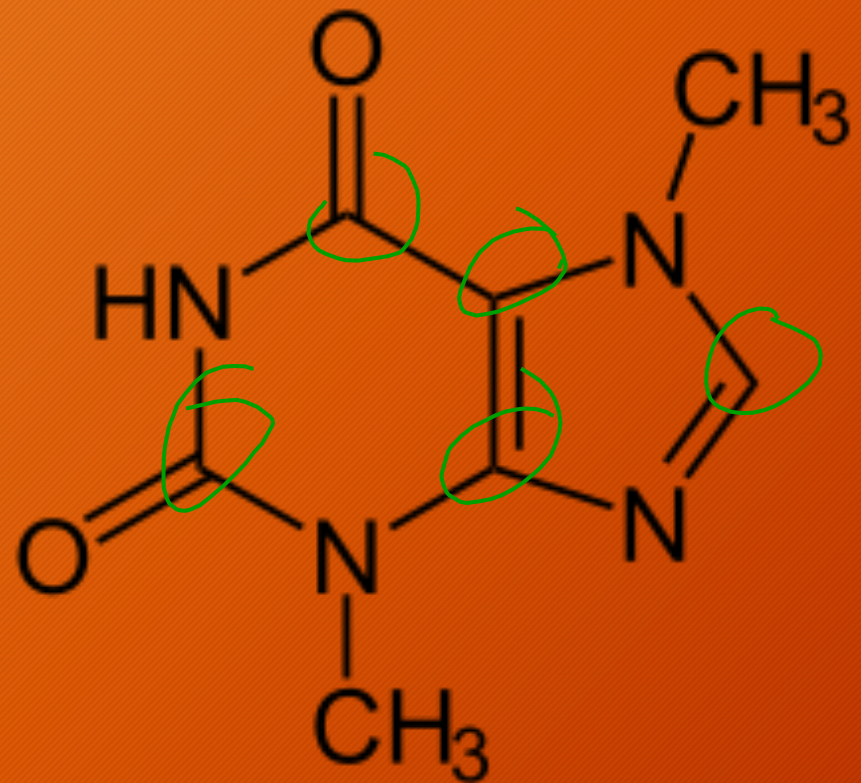


Molecule Monday

What is this?



Names

- $\text{C}_7\text{H}_8\text{N}_4\text{O}_2$
- Xantheose
- Diurobromine
- 3,7-dimethylxanthine
- Theobromine

What is it?

- Is acts as a vasodilator (a blood vessel widener), a diuretic (urination aid), and heart stimulant
- Can improve the hardness of tooth enamel - might prevent tooth decay
- Can be toxic in high doses
- Animals metabolize this much more slowly making it much for dangerous
- Bitter alkaloid of the cocoa plant
- Naturally found in CHOCOLATE

