## **Similar Molecules**

caffeine $C_8H_{10}N_4O_2$ found in the leaves and beans of the coffee plant, in tea, and in smaller quantities in seeds, leaves and fruit of 60 other plants	theobromine $C_7H_8N_4O_2$ found in cocoa and chocolate	theophylline $C_7H_8N_4O_2$ found in black tea and green tea
Note that $P$ is a second $P$ in $N$	$H_2N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$	$H_2N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$