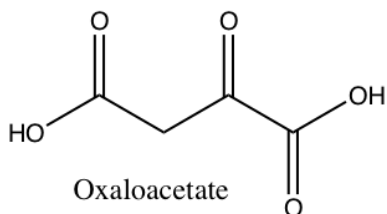


**Quiz 2**

Name: \_\_\_\_\_

Oxaloacetate is the oxidative deamination product of the amino acid aspartate.

1. Circle and name all the chemical functional groups in oxaloacetate.



2. Calculate the energy released by the complete oxidation (combustion) of oxaloacetate.

Bond Type	Bond Energy (Cal/mole)
C-C	83
C-H	99
C-O	86
O=O	118
C=O in CO <sub>2</sub>	191
C=O	178
O-H	111
N=N	225
N-H	93
C-N	65

3. Who is in your study group?
4. What hours did you meet on Monday? Tuesday?