

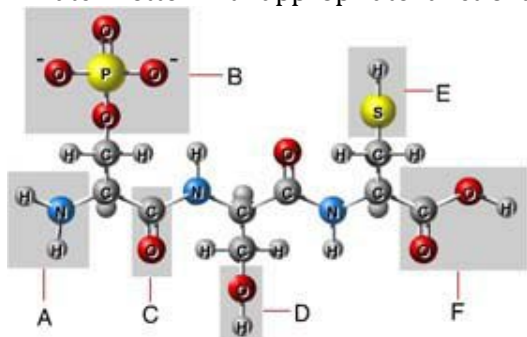
NAME: \_\_\_\_\_

PERIOD: \_\_\_\_\_

DATE: \_\_\_\_\_

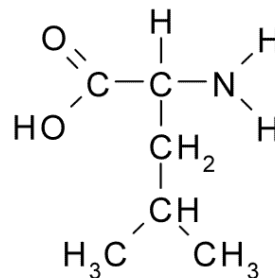
## Functional Groups Worksheet

1. Match Letter with appropriate functional group

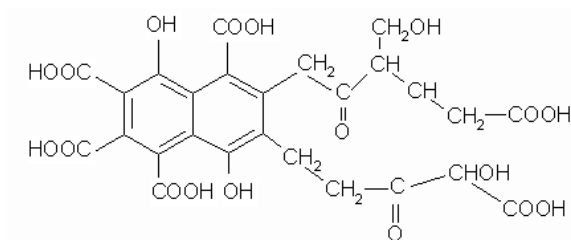


Hydroxyl: \_\_\_\_\_      Carbonyl: \_\_\_\_\_  
 Sulfhydryl: \_\_\_\_\_      Carboxylic Acid: \_\_\_\_\_  
 Amino: \_\_\_\_\_      Phosphate: \_\_\_\_\_

2. Circle & Name functional groups



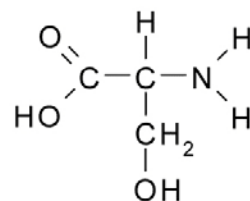
3. Circle & List the number of the functional groups



Model structure of fulvic acid

Hydroxyl: \_\_\_\_\_      Carbonyl: \_\_\_\_\_  
 Carboxylic Acid: \_\_\_\_\_      Amino: \_\_\_\_\_

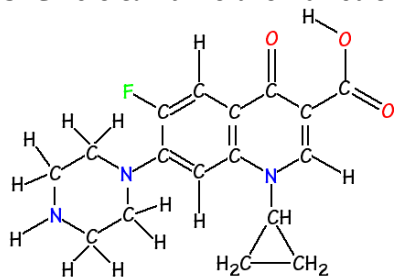
4. Circle & Name functional groups



The chemical structure of a serine molecule.

Sulfhydryl: \_\_\_\_\_  
 Phosphate: \_\_\_\_\_

5. Circle & Name the Functional Groups



Cipro® (ciprofloxacin)  
 1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-3-quinolinecarboxylic acid

6. Circle & Name the Functional Groups

