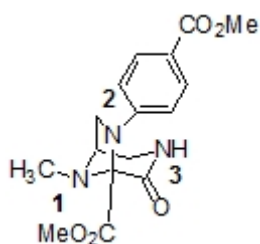


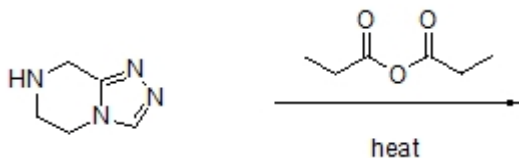
Name: \_\_\_\_\_

**Organic II Lecture**  
**Spring 2008**  
**Quiz #6**  
(10 points)

1. Aplaminal is a toxic component isolated from sea hare, used to protect itself from would be predators (*Org. Lett.* **2008**, 489). Which sequence correctly ranks the nitrogens below in order of increasing basicity? (3 points)



- a) 1<2<3      b) 2<3<1      c) 3<1<2      d) 3<2<1      e) 2<1<3      f) 1<3<2
2. Draw a structure for the expected product of the reaction below. (3 points)



3. Provide the necessary reagents for the following transformation. (4 points, problem 19-22)

