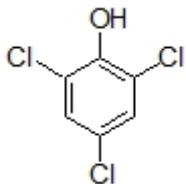


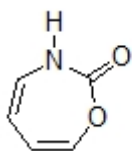
Name: _____

Organic II Lecture
Spring 2012
Quiz #3
(10 points)

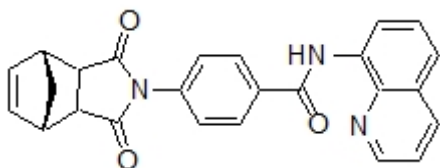
1. Name the following compound. (2 points, problem 16-28f)



2. Classify the following compounds as aromatic, antiaromatic or nonaromatic. (4 points)



3. The following compound has been identified as a lead structure in producing human heart muscle cells from embryonic stem cells (*J. Med. Chem.* **2012**, 697). What heterocyclic aromatic compound is contained in this structure? (2 points)



4. Complete the following reaction by drawing a structure for the expected product. (2 points)

