

## Reference Works Assignment – Due October 27, 2008

1. Find two compounds in the Chapman-Hall Dictionaries, preferably ones that are related to your household chemistry research project, if possible. One compound should be in either the *Dictionary of Inorganic Compounds* or the *Dictionary of Organometallic Compounds*, and the other should be found in the *Dictionary of Organic Compounds* or the *Dictionary of Natural Products*. Write down the compound, the dictionary, volume and page you found it in, and note whether there are any journal articles cited for the compound, and comment on what you expect to find in those articles. Write the reference for one article in ACS style, if an article is available.
2. Lots of people think you can find just about any chemical in the Aldrich Catalog. This is not true. To prove it, I want you to go to use *CHEM SOURCES USA* and *The Merck Index* to find a chemical that is **NOT** available from Aldrich, but which has a therapeutic use. Write down the name of the chemical, its therapeutic use, and the name and address of the company that sells it.
3. Go to the CRC Handbook of Chemistry and Physics and find **two** data sets in it **other than** (1) Physical Constants of Organic Compounds, (2) Physical Constants of Inorganic Compounds, (3) Table of Isotopes or (4) Thermodynamic Tables. Try to imagine scenarios in which this information would be useful to someone and describe these scenarios.