Assignment and Study Guide for Unit II

The Chemistry of Ethers, Epoxides, and Sulfides

Some Important Ethers, Epoxides, and Sulfur-containing Molecules

- **diethyl ether**
- **benzo[a]pyrene-7,8-diol 9-10 epoxide**
- **allicin**

- **organic solvent, 19th-century anesthetic**
- **potent carcinogen**
- **odor of garlic**

- **S-adenosylmethionine**
- **squalene oxide**

- **cellular methylating agent** ("nature's methyl iodide")
- **precursor to natural steroids**

Reading Assignment

McMurry Chapter 18 (pp. 639-671)


Problem Set 3 is due Wed., October 11, 12:05 p.m. (in lecture, before lecture).