

Exercise 1: Nomenclature

Using the IUPAC nomenclature system and the priority list of functional groups given in Table 17.1 (page 791), draw the structures of the following molecules:

1. 4-methyl-3-penten-2-one

2. 3-methoxybenzoic acid

3. N-methylcyclohexylamine

4. ethyl-2,2-dimethylpropanoate

5. butanedioic anhydride

