

# Carboxylic acids

## Nomenclature

1. Carboxyl group (**COOH**) always C<sub>1</sub>
2. Family name is longest C chain with COOH
3. Suffix is “-**oic acid**”
4. Carbonyl groups (**C=O**) called “oxo”  
Hydroxy groups (**OH**) called “hydroxy”