

#### 4- Indole acetic acid

Potent anti-inflammatory and analgesic activity with cyclooxygenase and lipoxygenase inhibitory activity (Fig. 1.13).

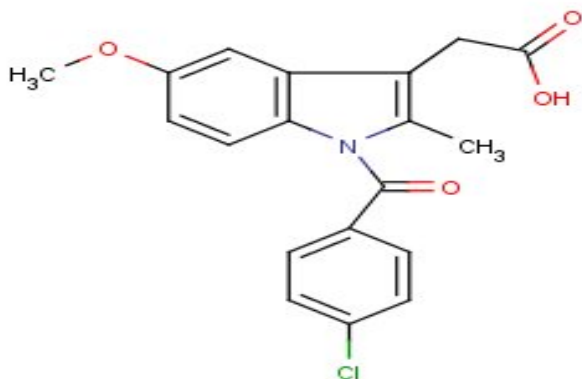
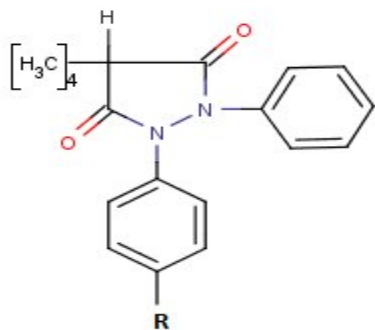


Figure 1.13: 2-{1-[4-chlorophenyl] carbonyl}-5-methoxy-2-methyl-1H-indol-3-yl} acetic acid.( indomethacin)

#### 5- Pyrazolidine ex: phenylbutazone

Phenylbutazone is highly toxic and not in use currently (Fig. 1.14).



R= H, phenylbutazone

Figure 1.14

R= OH, oxyphenylbutazone

4-butyl-1-(4-methylphenyl)-2-phenylpyrazolidine-3,5-dione