3- Arylacetic acid ex: ibuprofen

Eight times the activity of aspirin as anti-inflammatory agent (Fig. 1.11).

Figure 1.11: 2-[4-(2-methylpropyl) phenyl]propanoic acid

Diclofenac

High potency as anti-inflammatory agent, inhibit prostaglandin synthesis and leukotrienes (Cyclooxygenase and lipooxygenase inhibitor) (Fig.1.12).

Figure 1.12: 2-[2-[(2, 6- dichlorophenyl) amino] phenyl] acetic acid