#### Sulindac

Uses: It is used for relieving weak to moderate pain in rheumatoid arthritis and osteoarthritis.

#### Tolmetin

Uses: It is used for relieving weak to moderate pain in rheumatoid arthritis and osteoarthritis.

## Zomepriac

## Diclfenac

$$H_3C$$
 $H_3C$ 
 $CH_2COOH$ 
 $H_3C$ 

Uses: Zomepirac was indicated for the management of mild to severe pain.

Uses: Diclfenac is used in rheumatoid, gout, arthritis, osteoarthritis, spondylitis, back pain, neuralgia, myalgia and diseases with inflammation.

#### Ketorolac

# 7 N<sub>3</sub> CH<sub>2</sub>COOH 7 N<sub>3</sub> 2

Uses: ketorolac to manage post-operative pain, spinal and soft tissue pain, rheumatoid arthritis, osteoarthritis, spondylitis, menstrual pain and headaches.

### **Piroxicam**

Uses: piroxicam is used in back pain, myalgia, neuralgia, rheumatoid arthritis, gout, osteoarthritis, ankylosing spondylitis, and other diseases accompanied by inflammation.

## Ibuprofen Synthesis

$$\begin{array}{c} \text{CH}_3 \\ \text{CH}_3 \\ \text{CH}_3 \\ \text{CHCH}_2 \\ \end{array} \\ \begin{array}{c} \text{H} \\ \hline \\ \text{AICI}_3 \\ \end{array}$$
 iso-butylbenzene

$$\begin{array}{c} \text{CH}_3 \\ \text{CH}_3\text{CHCH}_2 \\ \hline \end{array} \begin{array}{c} \text{O} \\ \text{C} \\ \text{CH}_3 \\ \text{CH}_3 \\ \text{CH}_3\text{CHCH}_2 \\ \hline \end{array} \begin{array}{c} \text{OH} \\ \text{C} \\ \text{CN} \\ \end{array}$$

Uses: It is used in treating rheumatoid arthritis, gout, radiculitis, neuralgia, myalgia, spondylitis, soft-tissue inflammation, and in the musculoskeletal system pain.