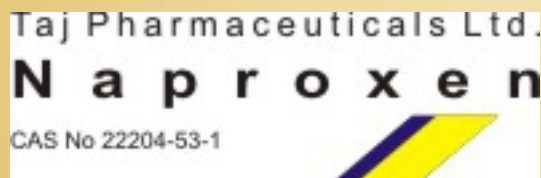


## Naproxen (Cas No 22204-53-1)

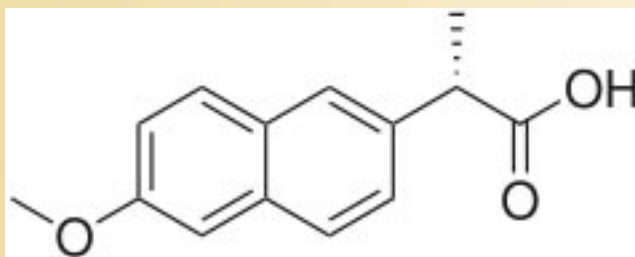


Naproxen

CAS number 22204-53-1

Systematic (IUPAC) name

(+)-(S)-2-(6-methoxynaphthalen-2-yl)  
propanoic acid



Identifiers

ATC code G02CC02 M01AE02, M02AA12

PubChem 1302

DrugBank APRD01135

ChemSpider 137720

Chemical data

Formula C<sub>14</sub>H<sub>14</sub>O<sub>3</sub> Mol. mass 230.259 g/mol

Pharmacokinetic data

Bioavailability 95% (oral)

Protein binding 99%

Metabolism Hepatic (to 6-desmethylnaproxen)

Half life 12–24 hours

Excretion Renal

Naproxen is a non-steroidal anti-inflammatory drug (NSAID) commonly used for the reduction of moderate to severe pain, fever, inflammation and stiffness caused by conditions such as osteoarthritis, rheumatoid arthritis, psoriatic arthritis, gout, ankylosing spondylitis, menstrual cramps, tendinitis, bursitis, and the treatment of primary dysmenorrhea.