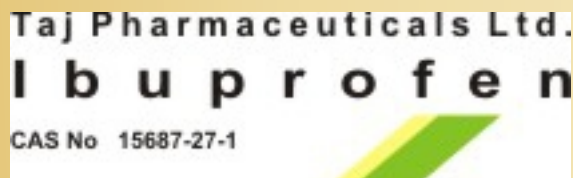


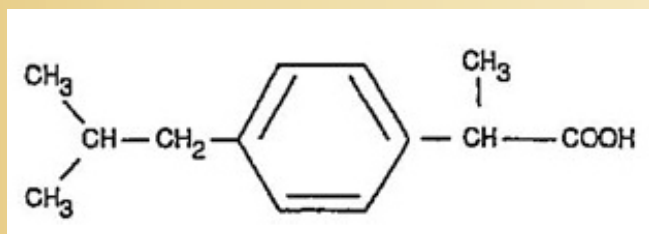
Ibuprofen (Cas No 15687-27-1)



Ibuprofen

CAS number 15687-27-1

Structure :



Systematic (IUPAC) name

2-(4-isobutylphenyl)propanoic acid

Identifiers

CAS number 15687-27-1

ATC code M01AE01

PubChem 3672

DrugBank APRD00372

ChemSpider 3544

Chemical data

Formula C₁₃H₁₈O₂ Mol. mass 206.28

SMILES eMolecules & PubChem

Physical data

Melt. point 76 °C (169 °F)

Pharmacokinetic data

Bioavailability 49–73%

Protein binding 99%

Metabolism Hepatic (CYP2C9)

Half life 1.8–2 hours

Excretion Renal