

Oxaprozin (Cas No 21256-18-8)



Oxaprozin

CAS number 21256-18-8

Systematic (IUPAC) name

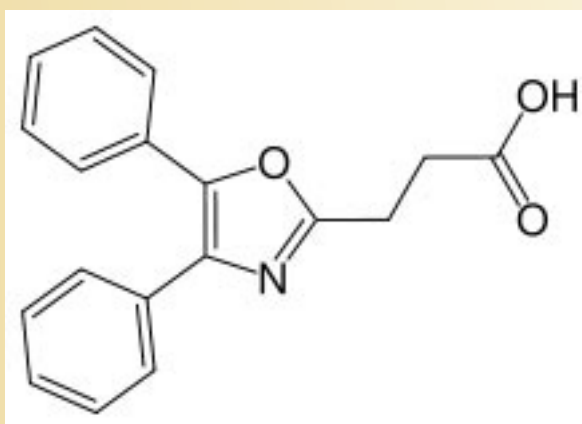
3-(4,5-diphenyl-1,3-oxazol-2-yl)propanoic acid

Identifiers

ATC code M01AE12

PubChem 4614

DrugBank APRD00030



Chemical data

Formula C₁₈H₁₅NO₃ Mol. mass 293.317 g/mol

Pharmacokinetic data

Bioavailability 95%

Protein binding 99%

Metabolism Liver—65% oxidation and 35% glucuronic acid conjugation. 5% are active phenolic metabolites.

Half life 54.9 hours

Excretion Therapeutic considerations

Pregnancy cat. C

Legal status Routes Oral

Oxaprozin, also known as Oxaprozinum is a non-steroidal anti-inflammatory drug used to relieve the inflammation, swelling, stiffness, and joint pain associated with osteoarthritis and rheumatoid arthritis. Chemically, it is a propionic acid derivative. It is available in 600 mg tablets. Normal adult dosage is 1200 mg daily, not to exceed 1800 mg per day.