

Cefixime (Cas No 79350-37-1)



Cefixime

CAS number 79350-37-1

Systematic (IUPAC) name

(6R,7R)-7-[[2-(2-amino-1,3-thiazol-4-yl)-2-(carboxymethoxyimino)acetyl]amino]-3-ethenyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid

Identifiers

CAS number 79350-37-1

ATC code J01DD08

PubChem 54362

DrugBank APRD00583

Chemical data

Formula C₁₆H₁₅N₅O₇S₂ Mol. mass 453.452 g/mol

Pharmacokinetic data

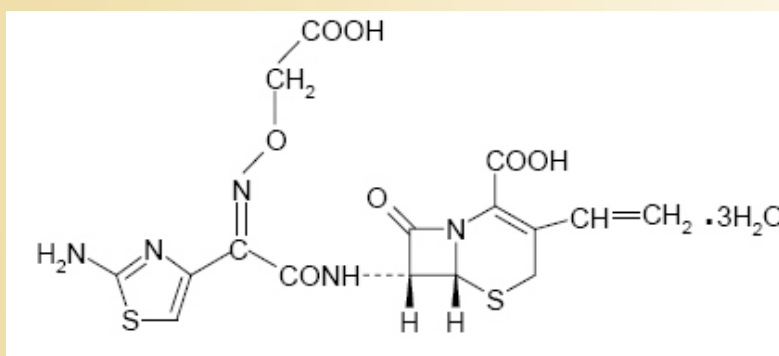
Bioavailability 40% to 50%

Protein binding Approximately 60%

Half life Variable

Average 3 to 4 hours

Excretion Renal and biliary



Cefixime is a cephalosporin antibiotic used to treat infections caused by bacteria such as pneumonia; bronchitis; gonorrhea; and ear, lung, throat, and urinary tract infections. Antibiotics will not work for colds, flu, or other viral infections.