

Cefdinir (Cas No 91832-40-5)



Cefdinir

Systematic (IUPAC) name

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

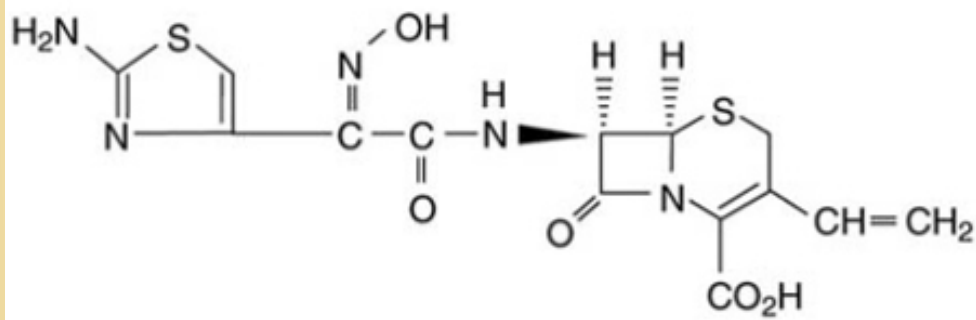
Identifiers

CAS number 91832-40-5

ATC code J01DD15

PubChem 6399253

DrugBank APRD00644



Chemical data

Formula C₁₄H₁₃N₅O₅S₂ Mol. mass 395.416 g/mol

SMILES eMolecules & PubChem

Pharmacokinetic data

Bioavailability 16% to 21% (dose-dependent)

Protein binding 60% to 70%

Metabolism Negligible

Half life 1.7 ± 0.6 hours

Excretion Renal

Cefdinir is a semi-synthetic, broad-spectrum antibiotic in the third generation of the cephalosporin class, proven effective for common bacterial infections of the ear, sinus, throat, and skin.

Cefdinir is an antibiotic used to treat certain infections caused by bacteria, such as pneumonia, bronchitis, ear infections, sinusitis, pharyngitis, tonsillitis, and skin infections. Antibiotics will not work for colds, flu, or other viral infections.