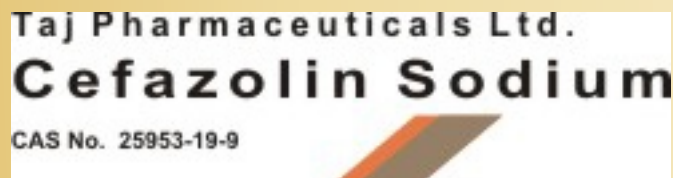


Cefazolin Sodium (Cas No 25953-19-9)



Cefazolin Sodium

CAS number 25953-19-9

Systematic (IUPAC) name

(6R,7R)-3-[[[5-methyl-1,3,4-thiadiazol-2-yl)thio]methyl]-8-oxo-7-[(1H-tetrazol-1-ylacetyl)amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid

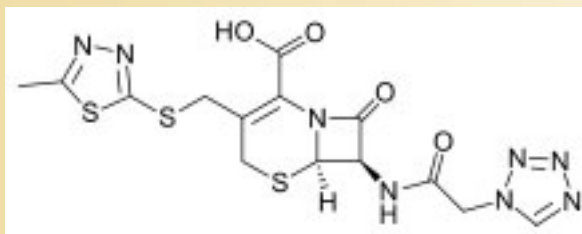
Identifiers

CAS number 25953-19-9

ATC code J01DB04

PubChem 33255

ChemSpider 30723



Chemical data

Formula C₁₄H₁₄N₈O₄S₃ Mol. mass 454.51 g/mol

SMILES eMolecules & PubChem

Pharmacokinetic data

Bioavailability NA

Metabolism ?

Half life 1.8 hours (given IV)

2 hours (given IM)

Excretion Renal, unchanged

Cefazolin, an antibiotic, to help treat your infection. The drug will be either injected into a large muscle (such as your buttock or hip) or added to an intravenous fluid that will drip through a needle or catheter placed in your vein for 30 minutes, two to four times a day.

Cefazolin eliminates bacteria that cause many kinds of infections, including lung, skin, bone, joint, stomach, blood, heart valve, and urinary tract infections.