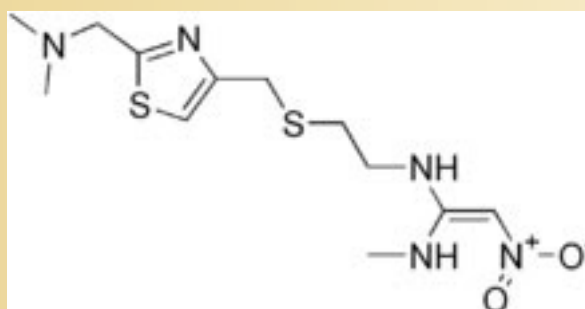


## Nizatidine (Cas No 76963-41-2)



Nizatidine

CAS number 76963-41-2

Systematic (IUPAC) name

N-(2-[(2-[(dimethylamino)methyl]thiazol-4-yl)methylthio]ethyl)-N-methyl-2-nitroethene-1,1-diamine

Identifiers

CAS number 76963-41-2

ATC code A02BA04

PubChem 3033637

DrugBank APRD00706

Chemical data

Formula C<sub>12</sub>H<sub>21</sub>N<sub>5</sub>O<sub>2</sub>S<sub>2</sub> Mol. mass 331.46 g/mol

Pharmacokinetic data

Bioavailability >70%

Protein binding 35%

Metabolism Hepatic

Half life 1-2 hours

Excretion Renal

Nizatidine is a histamine H<sub>2</sub>-receptor antagonist that inhibits stomach acid production, and commonly used in the treatment of peptic ulcer disease (PUD) and gastroesophageal reflux disease (GERD).