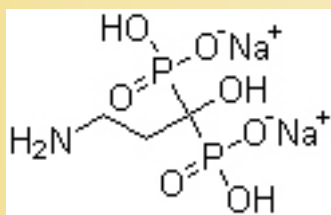


Pentoxifylline (Cas No 6493-05-6)



Molecular Structure



Pentoxifylline

Synonyms 3,7-Dimethyl-1-(5-oxohexyl)purine-2,6-dione; 3,9-Dimethyl-1-(5-oxohexyl)-2,3,6,9-tetrahydro-1H-purine-2,6-dione

Pentoxifylline, 3,7-Dimethyl-1-(5-oxohexyl)purine-2,6-dione, 3,9-Dimethyl-1-(5-oxohexyl)-2,3,6,9-tetrahydro-1H-purine-2,6-dione,

CAS NO 6493-05-6

Molecular Formula C₁₃H₁₈N₄O₃

Molecular Weight 278.31

ATC code C04AD03

PubChem 4740

DrugBank APRD00121

Chemical data

Formula C₁₃H₁₈N₄O₃ Mol. mass 278.31

Pharmacokinetic data

Bioavailability Near 100% for oral dosing

Metabolism Hepatic and via erythrocytes

Half life 0.4 - 0.8 hours (1 - 1.6 hours for active metabolite)

Excretion Mainly urine (<4% feces)