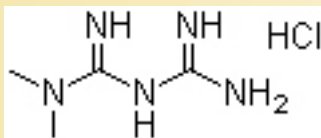


Metformin Hcl (Cas No 657-24-9)

Molecular Structure



Metformin Hcl

Molecular Weight 165.62

CAS number 657-24-9

ATC code A10BA02

A10BD02 (with sulfonylureas)

A10BD03 (with rosiglitazone)

A10BD05 (with pioglitazone)

A10BD07 (with sitagliptin)

A10BD08 (with vildagliptin)

PubChem 4091

DrugBank APRD01099

Chemical data

Formula C₄H₁₁N₅ Mol. mass 129.164 g/mol

165.63 g/mol (hydrochloride)

Synonyms 1,1-dimethylbiguanide

Pharmacokinetic data

Bioavailability 50 to 60% under fasting conditions

Metabolism None

Half life 6.2 hours

Excretion Active renal tubular excretion by OCT2