

Classification of veterinary antimicrobial agents used in 'Use of veterinary antimicrobial agents from 2005 to 2010 in Japan'

groups	antimicrobials
Tetracyclines	oxytetracycline, chlortetracycline and doxycyclin
Amphenicols	chloramphenicol, thiamphenicol and florfenicol
Penicillins	aspoxicillin, amoxicillin, ampicillin, cloxacillin, dicloxacillin, tobicillin, nafcillin, benzylpenicillin and mecillinum
Sulfonamides	sulfaquinoxalin, sulfachlorpyridazine, sulfadiazine, sulfadimidine, sulfadimethoxine, sulfadoxine, sulfamethoxazole, sulfamethoxypyridazin, sulfamerazine, sulfamoyldapsone, sulfamonomethoxin, sulfisozole and homosulfamine
Macrolides	erythromycin, spiramycin, josamycin, tylosin, acetylisovaleryl tylosintartrate, tilmicosin, terdecamycin and mirosamycin
Lincosamides	clindarnycin and lincomycin
Aminoglycosides	spectinomycin, apramycin, kanamycin, gentamicin, dihydrostreptomycin, streptomycin and fragiomycin
Pleuromutilins	tiamulin and valnemuline
Cephalosporins	cefazolin, cefapirin , cephapirin, cephalixin, cefaronium, cefovecin, ceftiofur, cefuroxime and cefquinome
Trimethoprim	ormethoprim and trimethoprim
Polymyxins	colistin
Quinolones	oxolinic acid, nalidixic acid, enrofloxacin, ofloxacin, orbifloxacin, difloxacin, norfloxacin, marbofloxacin, danofloxacin and lomefloxacin
Others	bacitracin, thioestrepton, nanafrocin, novobiocin, bicozamycin, fosfomycin, nitrofurazone , nifurstyrenic acid and miloxacin