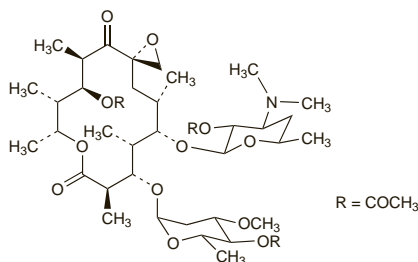


famethoxazole and Trimethoprim Injection; Sulfamethoxazole and Trimethoprim Oral Suspension; Sulfamethoxazole and Trimethoprim Tablets; Trimethoprim Tablets.

Proprietary Preparations (details are given in Part 3)

Austral.: Alprim; Triprim; **Austria:** Motrim; Solotrim; Triprim; Wellcoprim; **Canada:** Proloprim†; **Cz.:** InfectoTrimet†; Triprim; **Denm.:** Monotrim; Tri-mopran; **Fin.:** Trimetrix; Tri-mopran; **Fr.:** Wellcoprim†; **Ger.:** Infecto T-rimet; TMP†; **Irl.:** Ipral†; Monotrim†; **Malaysia:** Alprim; **Neth.:** Monotrim; Wellcoprim†; **NZ:** TMP; Triprim†; **Pol.:** Trimesan; Urotrim; **S.Afr.:** Purium; Triprim†; **Singapore:** Alprim; **Spain:** Tediprima; **Swed.:** Idotrim; **Switz.:** Monotrim†; **Thai.:** Utisept; **UAE:** Trimol-A; **UK:** Monotrim; Tri-mopran; **USA:** Primsol; Proloprim; Trimpep.

Multi-ingredient. Arg.: Adrenol; Bacti-Uril; Bacticel; Bactrim; Bactrim Balsamico; Cotrizol-G; Danferane; Diocla†; Dosulfon Bronquial; Dosulfon Fuerte; Enterobactical; Neofalm; Neofalm Dexa; Neogal; Netocur; Netro-cur Balsamico; Neumbactical; Novidrine; Rifaprim; Ritroprim†; Sulfagrand; Trimepol; Trimepol D; Triten†; Urisept NF; Uro-Bactrim†; **Austral.:** Bactrim; Cosig†; Resprim; Seprim; Trimoxazole; **Austria:** Bactrim; Cot-nibene; Eusaprim; Lidaprim; Oecotrim; Polyttrim; Trimetho comp; **Belg.:** Bactrim; Cotrim; Eusaprim; Ophthalmotrim†; Polyttrim; Steroprim†; **Braz.:** Asepium; Asepium Balsamico; Bac-Sulfitrim; Bacfar; Bacprolin; Bacris†; Bacteracin; Bactrim; Bactrisan; Bactrizol; Bactropin; Batrox; Baxapril†; Benectrin; Benectrin Balsamico; Binoctrin†; Clotrizol†; Diazol; Dientrin; Dis-peptin†; Duocotrin†; Ectrin; Ectrin Balsamico; Espectrin†; Espectroprima†; Gamactrin; Imunepin; Infectin; Lifactin; Linurin†; Lupectrim†; Metoprim; Metoprim Balsamico; Neotrin; Pulkrin; Qiftrin†; Quimio-Ped†; Roytrin†; Se-lectrin; Selectrin Balsamico; Septiolan†; Teutrin; Tribacn; Triglobe; Trimexa-zol; Trimexol†; Uro-Baxapril†; Uroctrin; Uropol; **Canada:** Apo-Sulfatrim; Coptin; Novo-Trimel; Nu-Cotrimox; PMS-Polytrimethoprim; Polyttrim; Sep-tra; **Chile:** Bacterol; Bactrimel; Entero-Micinovo; Introcin†; Seprim; Trellibec; Uro-Micinovo; **Cz.:** Apo-Sulfatrim†; Berlicid†; Biseptol; Bismoral; Nopil†; Oriprim†; Primotren; Sumetrolim; Supracombin†; **Denm.:** Sulfotrim†; **Fin.:** Cotrim; Ditrim; Trimetin Duplo; **Fr.:** Bactrim; Eusaprim†; **Ger.:** Bactore-duct†; Berlicid; Berlocolmin†; Cotrim; Cotrim-Diolan; Cotrim-Hefa; Cot-rimhexal; Cotrimox-Wolf†; Cotrimstada; Drylin; Eusaprim; Kepinol; Micro-trim†; Sigaprim†; Supracombin†; TMS; **Gr.:** Bactrimel; Bioprim†; Lidaprim; Seprim; **Hong Kong:** Chemitrim†; Chemoprim; Cotrim; Dhatrin; Letus; Li-daprim; Seprim; **Hung.:** Cotripharm; Oftalmotrim†; Potesep†; Sumetrolim; **India:** Aubril; Bactrim; Ciplin; Colizole; Cotrimol†; Oriprim; Sepmax; Seprim; Tabrol; Trisulfosole; **Indon.:** Bactoprim Combi; Bactricid; Bactrim; Bactrizol; Cotrim; Cotrimol; Dumotrim; Erphatrim; Ilkaprim; In-fatrim; Kaftrim; Lapikot; Licoprima; Meditrim; Meprotrin; Nufaprim; Otto-prim; Primadex; Primadex; Primsulfon; Sanprima; Seprim; Spectrem; Sul-prim; Sultrimox; Trimexol; Trimexox; Trimoxsul; Trixol; Trizole; Ulfaprim; Wiatrim; Xepaprim; Zoltrim; Zultrop; **Isl.:** Duobact†; Seprim; **Israel:** Dis-epyl†; Resprim; Seprim; **Ital.:** Abacini†; Bactrim; Chemitrim; Eusaprim; Gan-trim†; Lidaprim; **Jpn.:** Bactrimin; **Malaysia:** Bactin; Balin; Baserin†; Bea-globe; Chemix; Cotrim; Oftalmotrim; Resprim; Triglobe†; Trimexazole; Trisulprim†; Trizine; Virin†; **Mex.:** Andoprim; Antrim; Apo-Tri-nelax; Bac-pri-tyl; Bactelan; Bactelic; Bactelin; Bactiver; Bactrim; Bactrim Compositum; Bactropin; Bateral; Batrizol; Bioprim; Bisultrim; Brogamax; Dertin; Dibaprim; Ectaprim; Esteraprim; Eutrim; Fartropim; Fectri; Guayaprim; Kaltrim; Kelliprim†; Maxtrim; Metoxiprim; Microbactim†; Mixange; Octex; Octiban; Pisatrina; Polibatrin; Pribac; Protaxol; Protrim; Rifaprim; Sadocin; Seprim; Servitrim; Soltrim; Sulfawal; Sulfoid Trimetho; Sulfort; Sulprim; Sultiprim†; Syraprim†; Thiazol; Tribakin; Trime/Sulfa†; Trimetoger; Trimetox; Trimexa-zol; Trimexole; Trimexole Compositum; Trimoxol; Trinela†; Trisulfon†; Va-nady†; **Neth.:** Bactrimel; Eusaprim†; Lidatrim; Bactrim; Sulfotrim; **Norw.:** Bactrim; Trimetoprim-Sulfa†; **NZ:** Apo-Sulfatrim; Trisul; **Philipp.:** Bacidal; Bactille; Bactrim; Bacxal; Baczole; Bantizol; Chromo-Z; Combi-Methoxan; Costazole; Cozole; Dnilozole; Fedimed; Forteprim; Globaxol; Ivatrim; Kasse-mox; Lictora; Macromed; Moxadden; Moxzole; Neotrim; Onetrim; Opi-zole; Prizogen; Procor; Renatrim; Rimezone; Rotrace; Scribin; Seprim; Su-prex Syltril†; Synermed; Triforax; Triglobe; Trim-S; Trimaphar; Trimocoin; Trimoxis; Triphimox; Trizine; Trizole; Xanazole; Zamboprim; Zolmed; **Pol.:** Bactrim; Biseptol; Groseptol†; Seprim; Two-Septol; **Port.:** Bactrim; Cot-rim†; Metomide†; Microcetim; Oftalmotrim; Seprim; **Rus.:** Biseptol (Бисептол); Lidaprim (Лидаприм); Oriprim (Ориприм); Rancotrim (Ранкотрим); **S.Afr.:** Ascus; Vactrim; Vencole; Casico; Cosydal; Cozole; Durobac; Fabubac†; Lagatrim; Meditrim; Mezenol†; Polyttrim†; Purbac; Sep-tran; Spectrim; Supristol†; Trimethox; Trimoxol; Xerazole; Xeroprim†; **Singapore:** Apo-Sulfatrim; Bacin; Balin; B5†; Chemix; Chemoprim; Co-Tri-mexazole; Dhatrin; Seprim†; Suprim; Trimaxazole; Trimexole†; **Spain:** Bactopumon; Balsoprim; Bronco Aseptilex Fuerte; Broncomega†; Bronco-vir†; Bronquicisteina; Bronquidiazina CR; Bronquimar; Bronquimucil†; Bu-setal†; Cotrazol; Eduprim Mucolitico; Eduprim†; Gobens Trim; Momentol; Neumopectolina†; Oftalmotrim; Oftalmotrim Dexa†; Otib; Pulmo Menal†; Pulmosterin Duo; Seprim; Soltrim; **Swed.:** Bactrim; Eusaprim; Trimin sulfa†; **Switz.:** Agoprim†; Vactrim; Cotrim; Escoprim; Groprim; Lagatrim; Mediprim; Nopil; Sigaprim†; Supracombin†; **Thai.:** Actin; Bacin; Bacta†; Bactrim; Baczole; Chemoprim†; Co-Tasian; Co-Trimed; Conprim; Cota-mox; Ko-Cap; Ko-Kure; Ladar; Lastrim; Letus; Lidaprim†; M-Trim; Mano-Trim; Med-Sultrim†; Mega-Prim; Metrim; Metxaprim; Micosamthong; Po-Trim; Primoptici†; Pulvicin†; Seprim†; Spectrim; Sulbacta; Sulfometh; Sun-trim; Tampot†; Toprim†; Trimexazole; Triprim; Trixol; Zoleprim†; **Turk.:** Bactrim; Bakton; Kemoprim; Metoprim; Mikrosid; Oftalmotrim; Polyciline; Polyttrim; Seprim; Sulfatrim; Trifen; Trimoks; **UAE:** Trimol; **UK:** Fectrin; Pol-ytrim†; Seprim; **USA:** Bactrim; Cotrim; Polyttrim; Sepra; SMZ-TMP; Sul-fatrim; **Venez.:** Bactrimel; Bactron†; Co-Sultrin; Forcitrin; Trimecor; Trime-toprim Sulfa†; Tripur.



Pharmacopoeias. In Fr. and US.

USP 31 (Troleandomycin). A white, odourless, crystalline powder. It contains the equivalent of not less than 750 micrograms of oleandomycin per mg. Slightly soluble in water and in ether; freely soluble in alcohol; soluble in chloroform. A 10% solution in alcohol and water (1:1) has a pH of 7.0 to 8.5. Store in airtight containers.

Profile

Troleandomycin is a prodrug of the macrolide antibiotic oleandomycin that has actions similar to those of erythromycin (p.269). It has been given orally in the treatment of susceptible infections although more effective antibiotics are generally preferred.

Preparations

USP 31: Troleandomycin Capsules.

Proprietary Preparations (details are given in Part 3)

Ital.: Triocetint†; **Turk.:** Tekmisin; **USA:** TAO†.

Trospectomycin Sulfate (USAN, rINN)

Sulfato de trospectomicina; Trospectomycin Sulphate (BANM); Trospectomycine, Sulfate de; Trospectomycini Sulfas; U-63366 (trospectomycine); U-63366F. (2R,4aR,5aR,6S,7S,8R,9S,9aR,10aS)-2-Butyl-4a,7,9-trihydroxy-6,8-bis(methylamino)perhydro-pyrano[2,3-b][1,4]benzodioxin-4-one sulphate pentahydrate.

Троспектомицина Сульфат

$C_{17}H_{30}N_2O_7 \cdot H_2SO_4 \cdot 5H_2O = 562.6$.

CAS — 88669-04-9 (trospectomycine); 88851-61-0 (trospectomycin sulfate).

Profile

Trospectomycin is a water-soluble derivative of spectinomycin (p.332) but is more active against Gram-positive organisms, *Haemophilus influenzae*, and *Chlamydia trachomatis* as well as *Neisseria*. It has been investigated in various infections and given as the sulfate intravenously or intramuscularly. Reported adverse effects include perioral paraesthesia, pain at the injection site, nausea, and dizziness.

Trovafloxacin Mesilate (rINN)

CP-99219-27; CP-99219 (trovafloxacin); Mesilato de trovafloxacino; Trovafloxacin Mesilate (USAN); Trovafloxacin, Mésilate de; Trovafloxacin Mesilas. 7-[(1R,5S,6S)-6-Amino-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid monomethanesulphonate.

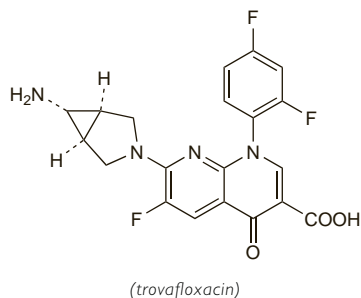
Тровафлоксацина Мезилат

$C_{20}H_{15}F_3N_4O_3 \cdot CH_3O_3S = 512.5$.

CAS — 147059-72-1 (trovafloxacin); 147059-75-4 (trovafloxacin mesilate).

ATC — J01MA13.

ATC Vet — QJ01MA13.



Adverse Effects and Precautions

As for Ciprofloxacin, p.244.

Dizziness was the most common adverse effect reported with trovafloxacin.

Trovafloxacin preparations have been withdrawn worldwide after reports of unpredictable severe hepatic adverse effects, including some fatalities. Symptomatic pancreatitis was also reported.

Antimicrobial Action

As for Ciprofloxacin, p.246. It is more active against pneumococci.

Pharmacokinetics

Trovafloxacin is readily absorbed from the gastrointestinal tract after an oral dose, peak plasma concentrations occurring after about 1 to 2 hours. After intravenous use, trovafloxacin is rapidly converted to trovafloxacin. Oral bioavailability is 88%. Trovafloxacin is widely distributed into body tissues and is about 76% bound to plasma proteins. It appears in breast milk.

The serum half-life of trovafloxacin ranges from about 9 to 12 hours. Trovafloxacin is metabolised by conjugation, 13% of a dose appearing in the urine as the glucuronide and 9% in the faeces as the N-acetyl metabolite; other metabolites appear in both the urine and faeces in minor amounts, but about 50% of an oral dose is excreted unchanged, mainly in the faeces but also in the urine.

Uses and Administration

Trovafloxacin is a fluoroquinolone antibacterial with actions and uses similar to those of ciprofloxacin (p.247). It was given orally as the mesilate for the treatment of susceptible infections. The prodrug alatrofloxacin (p.200) was used as the mesilate for intravenous infusion.

Trovafloxacin and alatrofloxacin preparations have been withdrawn worldwide after reports of unpredictable severe hepatic adverse effects, including some fatalities.

Preparations

Proprietary Preparations (details are given in Part 3)

Canada: Trovan†; **Gr.:** Trovan†; **Mex.:** Trovan†; **USA:** Trovan†.

Tulathromycin (USAN, rINN)

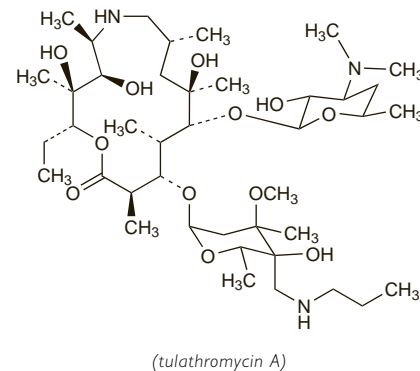
CP-472295 (component A); CP-547272 (component B); Tulathromycine; Tulathromycinum; Tulatromicina.

Тулатромцилин

$C_{41}H_{79}N_3O_{12} = 806.1$.

CAS — 217500-96-4 (component A); 280755-12-6 (component B).

ATC Vet — QJ01FA94.



(tulathromycin A)

Profile

Tulathromycin is a macrolide antibacterial used in veterinary medicine for the treatment of susceptible infections in cattle and pigs.

Tylosin (BAN, rINN)

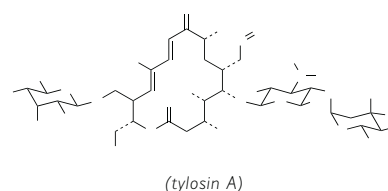
Tilosina; Tilozin; Tylosini; Tylosine; Tylosinum; Tylozyna.

ТИЛОЗИН

$C_{46}H_{77}NO_{17} = 916.1$.

CAS — 1401-69-0.

ATC Vet — QJ01FA90; QJ51FA90.



(tylosin A)

Troleandomycin (BAN, USAN, rINN)

NSC-108166; Triacetyloleandomycin; Troleandomicina; Troleandomisin; Troleandomycine; Troleandomycinum; Troleandomycini. The triacetyl ester of oleandomycin.

Тролеандомицин

$C_{41}H_{67}NO_{15} = 814.0$.

CAS — 2751-09-9.

ATC — J01FA08.

ATC Vet — QJ01FA08.

The symbol † denotes a preparation no longer actively marketed