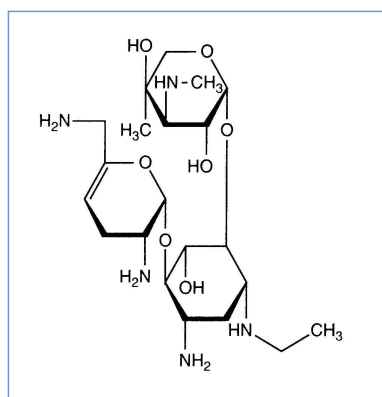


Stabilis



Netilmicin sulfate



Tradename

Bactob	India
Beltob	India
Bramicil	Italy
Brulamycin	Hungary
Eltol	India
Fytobra	India
Gernebcin	Germany
Komitub	India
Nebcin	Australia, Egypt, Great Britain, Greece, New Zealand, Saudi Arabia, United Arab Emirates
Nebcina	Denmark, Morocco, Norway, Sweden
Nebcine	Morocco
Nebicina	Italy
Netilyn	Finland, Sweden
Netromicina	Portugal
Netromicine	France
Netromycine	Greece, Poland, russian, Turkey
Nettacin	Italy
Obracin	Belgium, Luxembourg, Netherlands, Switzerland
Tobra	Germany
Tobra Alex	Egypt
Tobra Day	New Zealand
Tobra Gobens	Spain
Tobracin	Egypt
Tobradistin	Spain
Tobramicina	Italy, Portugal, Spain, Venezuela
Tobramina	Brazil
Tobramycin	Australia, Canada, Germany, Great Britain, Ireland, Norway, Saudi Arabia, United States of America
Tobramycine	France, Ireland, Netherlands
Tobrasix	Austria
Tobrazid	Germany
Tomycin	Finland
Zetamicin	Italy



Stability in solutions

		3 mg/ml	25°C		7			1200
		3 mg/ml	4°C		7			1200
		3 mg/ml	24°C		24			421
		3 mg/ml	25°C		7			1200
		3 mg/ml	4°C		7			1200
	RL	3 mg/ml	25°C		7			1200
	RL	3 mg/ml	4°C		7			1200
		3 mg/ml	25°C		7			1200
		3 mg/ml	4°C		7			1200
		3 mg/ml	25°C		7			1200
		3 mg/ml	4°C		7			1200
		3 mg/ml	24°C		24			421
		10 mg/ml	25°C		9			1929
		10 & 100 mg/ml	7°C		90			1929
		100 mg/ml	25°C		30			1929



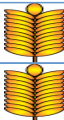
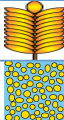



























Stability of mixtures

		3 mg/ml	24°C		Clindamycin phosphate : 9 mg/ml	24		421
		3 mg/ml	24°C		Clindamycin phosphate : 9 mg/ml	24		421



Compatibility

	Netilmicin sulfate : 3 mg/ml		1200
	Netilmicin sulfate : 3 mg/ml Aminocaproic acid : 10 mg/ml		1200
	Netilmicin sulfate : 5 mg/ml Aminophylline : 0,8 mg/ml		1236
	Netilmicin sulfate Amoxicillin sodium / clavulanic acid		3545

	<input checked="" type="checkbox"/>	Netilmicin sulfate : 5 mg/ml		301
	<input checked="" type="checkbox"/>	Netilmicin sulfate : 50 & 100 mg/ml		999
	<input checked="" type="checkbox"/>	Netilmicin sulfate : 5 mg/ml		1415
	<input type="checkbox"/>	Netilmicin sulfate : 5 mg/ml Allopurinol sodium : 3 mg/ml		307
	<input checked="" type="checkbox"/>	Netilmicin sulfate : 5 mg/ml Amifostine : 10 mg/ml		3
	<input type="checkbox"/>	Netilmicin sulfate Amoxicillin sodium		3527
	<input type="checkbox"/>	Netilmicin sulfate : 5 mg/ml Amphotericin B cholesteryl sulfate complex : 0,83 mg/ml		921
	<input checked="" type="checkbox"/>	Netilmicin sulfate : 3 mg/ml Atropine sulfate : 0.04 mg/ml		1200
	<input checked="" type="checkbox"/>	Netilmicin sulfate : 5 mg/ml Aztreonam : 40 mg/ml		99
	<input type="checkbox"/>	Netilmicin sulfate Calcium gluconate		3644
	<input checked="" type="checkbox"/>	Netilmicin sulfate : 5 mg/ml Calcium gluconate : 40 mg/ml		1236
	<input type="checkbox"/>	Netilmicin sulfate Cefamandole nafate		3546
	<input type="checkbox"/>	Netilmicin sulfate Cefepime dihydrochloride		3548
	<input type="checkbox"/>	Netilmicin sulfate Cefoperazone sodium		3544
	<input type="checkbox"/>	Netilmicin sulfate Ceftazidime		3543
	<input type="checkbox"/>	Netilmicin sulfate Ceftazidime		3883
	<input type="checkbox"/>	Netilmicin sulfate Ceftriaxone disodium		3523
	<input type="checkbox"/>	Netilmicin sulfate Cefuroxime sodium		3687
	<input checked="" type="checkbox"/>	Netilmicin sulfate : 3 mg/ml Chlorpromazine hydrochloride : 0.1 mg/ml		1200
	<input checked="" type="checkbox"/>	Netilmicin sulfate : 2,5 mg/ml Ciprofloxacin lactate : 2 mg/ml		289
	<input checked="" type="checkbox"/>	Netilmicin sulfate : 5 mg/ml Cisatracurium besylate : 0.1 >> 5 mg/ml		299
	<input type="checkbox"/>	Netilmicin sulfate Cisplatin		3578
	<input checked="" type="checkbox"/>	Netilmicin sulfate Clindamycin phosphate		3526
	<input checked="" type="checkbox"/>	Netilmicin sulfate : 3 mg/ml Clindamycin phosphate : 9 mg/ml		421
	<input checked="" type="checkbox"/>	Netilmicin sulfate : 3 mg/ml Dexamethasone sodium phosphate : 0.08 mg/ml		1200
	<input checked="" type="checkbox"/>	Netilmicin sulfate : 3 mg/ml Diazepam : 0.04 mg/ml		1200
	<input checked="" type="checkbox"/>	Netilmicin sulfate : 3 mg/ml Diphenhydramine hydrochloride : 0.4 mg/ml		1200

		Netilmicin sulfate : 5 mg/ml Docetaxel : 0.9 mg/ml		1754
		Netilmicin sulfate : 5 mg/ml Doxorubicin hydrochloride liposome peg : 0.4 mg/ml		251
		Netilmicin sulfate Erythromycin lactobionate		3674
		Netilmicin sulfate : 5 mg/ml Etoposide phosphate : 5 mg/ml		1410
		Netilmicin sulfate : 5 mg/ml Filgrastim : 30 µg/ml		244
		Netilmicin sulfate Flucloxacillin sodium		3522
		Netilmicin sulfate : 5 mg/ml Fludarabine phosphate : 1 mg/ml		492
		Netilmicin sulfate : 1,5 mg/ml Furosemide : 0,4 mg/ml		367
		Netilmicin sulfate : 5 mg/ml Gemcitabine hydrochloride : 10 mg/ml		1423
		Netilmicin sulfate : 5 mg/ml Granisetron hydrochloride : 0.05 mg/ml		182
		Netilmicin sulfate Heparin sodium		1022
		Netilmicin sulfate Heparin sodium		3540
		Netilmicin sulfate : 3 mg/ml Hydrocortisone sodium succinate : 0.8 mg/ml		1200
		Netilmicin sulfate : 3 mg/ml Iron dextran		1200
		Netilmicin sulfate : 3 mg/ml Isoprenaline hydrochloride : 0.4 mg/ml		1200
		Netilmicin sulfate : 5 mg/ml Linezolid : 2 mg/ml		1925
		Netilmicin sulfate : 5 mg/ml Melfalan : 0.1 mg/ml		169
		Netilmicin sulfate : 1.4 mg/ml Metronidazole : 5 mg/ml		1035
		Netilmicin sulfate : 1 mg/ml Metronidazole : 5 mg/ml		958
		Netilmicin sulfate Metronidazole		3594
		Netilmicin sulfate : 3 mg/ml Neostigmine methylsulfate : 0.04 mg/ml		1200
		Netilmicin sulfate : 3 mg/ml Norepinephrine bitartrate : 0.064 mg/ml		1200
		Netilmicin sulfate : 3 mg/ml Oxytocin		1200
		Netilmicin sulfate : 3 mg/ml Phytomenadione : 0.1 mg/ml		1200
		Netilmicin sulfate Piperacillin sodium / tazobactam		3586
		Netilmicin sulfate : 3 mg/ml Potassium chloride		1200

	Netilmicin sulfate : 3 mg/ml Procainamide hydrochloride : 4 mg/ml		1200
	Netilmicin sulfate : 3 mg/ml Promethazine hydrochloride : 0.1 mg/ml		1200
			300
	Netilmicin sulfate : 1 mg/ml Ranitidine hydrochloride : 0,5 mg/ml		958
	Netilmicin sulfate : 5 mg/ml Remifentanyl hydrochloride : 25 & 250 µg/ml		59
	Netilmicin sulfate : 5 mg/ml Sargramostim : 10 µg/ml		335
	Netilmicin sulfate Teicoplanine		3656
	Netilmicin sulfate Temocilline		2296
	Netilmicin sulfate : 5 mg/ml Teniposide : 0.1 mg/ml		905
	Netilmicin sulfate : 5 mg/ml Thiotepa : 1 mg/ml		249
			3587
	Netilmicin sulfate : 3 mg/ml Triflupromazine hydrochloride : 0.4 mg/ml		1200
	Netilmicin sulfate : 5 mg/ml Vinorelbine tartrate : 1 mg/ml		84



Route of administration



References

	Type	Publication
3	Journal	Trissel LA, Martinez JF. Compatibility of amifostine with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 1995 ; 52: 2208-2212.
59	Journal	Trissel LA, Gilbert DL, Martinez JF, Kim MC. Compatibility of remifentanyl hydrochloride with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 1997 ; 54: 2192-2196.
84	Journal	Trissel LA, Martinez JF. Visual, turbidimetric, and particle-content assessment of compatibility of vinorelbine tartrate with selected drugs during simulated Y-site injection. Am J Hosp Pharm 1994 ; 51: 495-499.
99	Journal	Trissel LA, Martinez JF. Compatibility of aztreonam with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 1995 ; 52: 1086-1090.


















































169	Journal	Trissel LA, Martinez JF. Physical compatibility of melphalan with selected drugs during simulated Y-site administration. Am J Hosp Pharm 1993 ; 50: 2359-2363.
182	Journal	Trissel LA, Gilbert DL, Martinez JF. Compatibility of granisetron hydrochloride with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 1997 ; 54: 56-60.
244	Journal	Trissel LA, Martinez JF. Compatibility of filgrastim with selected drugs during simulated Y-site administration. Am J Hosp Pharm 1994 ; 51: 1907-1913.
249	Journal	Trissel LA, Martinez JF. Compatibility of thiotepa (lyophilized) with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 1996 ; 53: 1041-1045.
251	Journal	Trissel LA, Gilbert DL, Martinez JF. Compatibility of doxorubicin hydrochloride liposome injection with selected other drugs during simulated Y-site administration. Am J Health-Syst Pharm 1997 ; 54: 2708-2713.
289	Journal	Jim LK. Physical and chemical compatibility of intravenous ciprofloxacin with other drugs. Ann Pharmacotherapy 1993 ; 27: 704-707.
299	Journal	Trissel LA, Martinez JF, Gilbert DL. Compatibility of cisatracurium besylate with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 1997 ; 54: 1735-1741.
300	Journal	Trissel LA, Gilbert DL, Martinez JF. Compatibility of propofol injectable emulsion with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 1997 ; 54: 1287-1292.
301	Journal	Trissel LA, Gilbert DL, Martinez JF, Baker MB, Walter WV, Mirtallo JM. Compatibility of parenteral nutrient solutions with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 1997 ; 54: 1295-1300.
307	Journal	Trissel LA, Martinez JF. Compatibility of allopurinol sodium with selected drugs during simulated Y-site administration. Am J Hosp Pharm 1994 ; 51: 1792-1799.
335	Journal	Trissel LA, Bready BB, Kwan JW, Santiago NM. Visual compatibility of sargramostim with selected antineoplastic agents, anti-infectives, or other drugs during simulated Y-site injection. Am J Hosp Pharm 1992 ; 49: 402-406.
367	Journal	Thompson DF, Allen LV, Desai SR, Rao PS. Compatibility of furosemide with aminoglycoside admixtures. Am J Hosp Pharm 1985 ; 42: 116-119.
421	Journal	Foley PT, Bosso JA, Bair JN, Townsend RJ. Compatibility of clindamycin phosphate with cefotaxim sodium or netilmicin sulfate in small-volume admixtures. Am J Hosp Pharm 1985 ; 42: 839-843.
492	Journal	Trissel LA, Parks NPT, Santiago NM. Visual compatibility of fludarabine phosphate with antineoplastic drugs, anti-infectives, and other selected drugs during simulated Y-site injection. Am J Hosp Pharm 1991 ; 48: 2186-2189.
905	Journal	Trissel LA, Martinez JF. Screening teniposide for Y-site physical incompatibilities. Hosp Pharm 1994 ; 29: 1010-1017.
921	Journal	Trissel LA, Gilbert DL, Martinez JF. Incompatibility and compatibility of amphotericin B cholesteryl sulfate complex with selected other drugs during simulated Y-site administration. Hosp Pharm 1998 ; 33: 284-292.

958	Journal	Vervloet E, Lammers J, Tan LSL, Van Mourik CH, Rots M. Netilmicin sulfate stability in combinaison with metronidazole or ranitidine hydrochloride in NaCl 0.9% infusion. Ann Pharmacotherapy 1990 ; 24: 440-442.
999	Journal	Watson D. Piggyback compatibility of antibiotics with pediatric parenteral nutrition solution. JPEN 1985 ; 9: 220-224.
1022	Journal	Hutchinson SMW. Heparin and aminoglycosides instability. Drug Intell Clin Pharm 1986 ; 20: 886.
1035	Journal	Bisaillon S, Sarrazin R. Compatibility of several antibiotics or hydrocortisone when added to metronidazole solution for intravenous infusion. J Parenter Sci Technol 1983 ; 37: 129-132.
1200	Journal	Chaudry IA, Bruey KP, Hurlburt LE, Oden EM. Compatibility of netilmicin sulfate injection with commonly used intravenous injections and additives. Am J Hosp Pharm 1981 ; 38: 1737-1742.
1236	Journal	Kuhn RJ, Nahata MC. Stability of netilmicin sulfate in admixtures with calcium gluconate and aminophylline. Am J Hosp Pharm 1986 ; 43: 1241-1242.
1410	Journal	Trissel LA, Martinez JF, Simmons M. Compatibility of etoposide phosphate with selected drugs during simulated Y-site injection. J Am Pharm Assoc 1999 ; 39: 141-145.
1415	Journal	Trissel L.A, Gilbert D.L, Martinez J.F, Baker M.B, Walter W.V, Mirtallo J.M. Compatibility of medications with 3-in-1 parenteral nutrition admixtures. JPEN 1999 ; 23: 67-74.
1423	Journal	Trissel LA, Martinez JF, Gilbert DL. Compatibility of gemcitabine hydrochloride with 107 selected drugs during simulated Y-site injection. J Am Pharm Assoc 1999 ; 39: 514-518.
1754	Journal	Trissel LA, Gilbert DL, Wolkin AC. Compatibility of docetaxel with selected drugs during simulated Y-site administration. Int J Pharm Compound 1999 ; 3: 241-244.
1925	Journal	Trissel LA , Williams KY, Gilbert DL. Compatibility screening of linezolid injection during simulated Y-site administration with other drugs and infusion solutions. J Am Pharm Assoc 2000 ; 40: 515-519.
1929	Journal	Rigge DC, Jones MF. Shelf lives of aseptically prepared medicines - stability of netilmicin injection in polypropylene syringes. J Pharm Biomed Anal 2004 ; 35: 1251-1256.
2296	Manufacturer	Témocilline (Negaban®) - Résumé des caractéristiques du produit Eumedica 2017
3522	Manufacturer	Flucloxacillin - Summary of Product Characteristics. Actavis 2013
3523	Manufacturer	Ceftriaxone (Rocephin®) - Summary of Product Characteristics. Roche 2018
3526	Manufacturer	Clindamycin (Dalacin®) - Summary of Product Characteristics Pharmacia 2010
3527	Manufacturer	Amoxicillin (Amoxil®) – Summary of Product Characteristics Glaxo Smith Kline 2018
3540	Manufacturer	Heparin sodium - Summary of Product Characteristics. Wockhardt 2010
3543	Manufacturer	Ceftazidime – Summary of Product Characteristics Wockhardt 2013

3544	Manufacturer	Cefoperazone (Cefobid®) - Summary of Product Characteristics Pfizer 2006
3545	Manufacturer	Amoxicilline / acide clavulanique - Résumé des caractéristiques du produit Mylan SAS 2009
3546	Manufacturer	Cefamandole Flavelab - Résumé des caractéristiques du produit Panpharma SA 2007
3548	Manufacturer	Cefepime (Maxipime®) - Summary of Product characteristics. Bristol Myers Squibb 2007
3578	Manufacturer	Cisplatin - Summary of Product Characteristics Accord Healthcare 2011
3586	Manufacturer	Piperacilline tazobactam Actavis® - Résumé des caractéristiques du produit Actavis France 2010
3587	Manufacturer	Ticarcilline/acide clavulanique (Timentin®) - Summary of Product Characteristics GlaxoSmithKline 2014
3594	Manufacturer	Metronidazole (Flagyl®) - Summary of Product Characteristics Zentiva 2013
3644	Manufacturer	Calcium gluconate® - Summary of Product Characteristics Hameln Pharmaceuticals 2010
3656	Manufacturer	Teicoplanine (Targocid®) - Résumé des caractéristiques du produit Sanofi Aventis France 2014
3674	Manufacturer	Erythromycin lactobionate - Summary of Product Characteristics PanPharma 2016
3687	Manufacturer	Cefuroxime sodium - Summary of Product Characteristics Stravencon 2013
3883	Manufacturer	Ceftazidime - Résumé des caractéristiques du produit Arrow 2016



Dictionary

 Antibiotic	 injection
 Tradename	 Stability in solutions
 Container	 Molecule
 Concentration	 Temperature
 Storage	 Duration of stability
 Biosimilar	 conflicting data
 References	 Glass
 Water for Injection	 Not specified
 Day	 Protect from light
 NaCl 0,9% or Glucose 5%	 Light
 Hour	RL Ringer's lactate solution
 Sodium chloride 3%	 Glucose 10%
 Polyvinyl chloride	 Polypropylen Syringe
 None	 Stability of mixtures
 Solvent	 Compound
 Compatibility	 Compatible
 NaHCO ₃	 NaCl 0,45% Glucose 5%
 Unspecified incompatibility	 Incompatible
 Parenteral nutrition (binary mixture)	 Parenteral nutrition (with lipids)
 Precipitation after 1 hour	 Sodium chloride 0,9%
 Glucose 5%	 Chemical instability
 Immediate precipitation	 Route of administration
 Intravenous	 Intravenous infusion
 Intramuscular	 Intrathecal
 References	 Dictionary