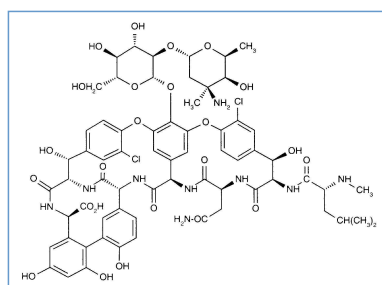


# Stabilis



## Vancomycin hydrochloride



Noms commerciaux

Amplobac	Brésil
Anco L IV	Turquie
Celovan	Brésil, Inde, Pérou, Vénézuéla
Dhacocin	Malaisie
Edicin	Pologne, Roumanie, Slovénie, Turquie
Estafimac	Mexique
Estavam	Mexique
Invaco	Chili
Kovan	Chili
Rivervan	Argentine
Tancofeto	Colombie, Malaisie
Vacsol	Mexique
Valcidem	Mexique
Vamysin	Belgique, Luxembourg
Vanaurus	Colombie, Equateur
Vanbiotic	Colombie, Equateur
Vancam	Mexique
Vancobact	Egypte
Vancobiotic	Pérou
Vancocare	Inde
Vancocin	Arabie Saoudite, Australie, Autriche, Canada, Emirats Arabes Unis, Etats Unis d'Amérique, Grande Bretagne, Hongrie, Inde, Irlande, Luxembourg, Pays bas, Pologne, Suède, Suisse
Vancocina	Brésil, Italie
Vancofar	Pérou
Vancogen	Inde
Vancoled	Emirats Arabes Unis, Inde
Vancolon	Arabie Saoudite, Egypte, Emirats Arabes Unis
Vancomate	Inde
Vancomax	Argentine, Equateur, Iran, Pérou
Vancomicina	Argentine, Chili, Colombie, Equateur, Espagne, Italie, Mexique, Portugal, Roumanie, Tunisie
Vancomix	Egypte

Vancomycin	Allemagne, Arabie Saoudite, Australie, Autriche, Canada, Danemark, Egypte, Emirats Arabes Unis, Etats Unis d'Amérique, Finlande, Grande Bretagne, Grèce, Hongrie, Irlande, Islande, Norvège, Nouvelle Zélande, Belgique
Vancomycine	Belgique, Egypte, France, Luxembourg, Maroc, Pays bas, Suisse
Vanconat	Inde
Vanconor	Pérou
Vancorin	Inde, Malaisie, Turquie
Vancosan	Allemagne, Grèce
Vancoser	Inde
Vancotek	Turquie
Vancotex	Italie
Vancox	Mexique
Vankomisin	Turquie
Vanlid	Inde, Malaisie, Vénézuéla
Varedet	Argentine, Colombie, Equateur, Pérou
Yestafhal	Mexique
Zengac	Italie



## Stabilité des solutions

		2 mg/ml	2-8°C		7			702
		2 mg/ml	25°C		48			702
		5 mg/ml	-10°C		63			430
		5 mg/ml	24°C		17			430
		5 mg/ml	5°C		63			430
		0,025 mg/ml	4°C		63			1414
		10 mg/ml	-20°C		90			3120
		10 mg/ml	25°C		48			3120
		10 mg/ml	4°C		8			3120
		25 mg/ml	-20°C		90			1871
		2 mg/ml	2-8°C		7			702
		2 mg/ml	25°C		48			702
		5 mg/ml	22°C		48			1671
		5 mg/ml	24°C		17			430
		5 mg/ml	4°C		7			1671

PVC		4 & 5 mg/ml	23°C		24				694
PVC		4 & 5 mg/ml	4°C		30				694
PVC		0,5 & 1 mg/ml	4°C		58				931
PVC		20 & 40 mg/ml	25°C		96				654
PVC		20 & 40 mg/ml	5°C		30				654
PVC		4 & 5 mg/ml	23°C		17				694
PVC		4 & 5 mg/ml	4°C		24				694
PVC		0,025 mg/ml	20°C		28				2370
PVC		0,025 mg/ml	37°C		7				2370
PVC		0,025 mg/ml	4°C		28				2370
PVC		0,025 mg/ml	20°C		28				2370
PVC		0,025 mg/ml	37°C		5				2370
PVC		0,025 mg/ml	4°C		28				2370
PVC		0.94 mg/ml	24°C		7				2147
PVC		0.94 mg/ml	37°C		24				2147
PVC		0.94 mg/ml	5°C		7				2147
PVC		1 mg/ml	25°C		14				3888
PVC		1 mg/ml	37°C		4				3888
PVC		1 mg/ml	4°C		14				3888
PE		10 mg/ml	25°C		29				913
PE		10 mg/ml	4°C		84				913
PE		10 mg/ml	25°C		33				913
PE		10 mg/ml	4°C		84				913
PE		5 mg/ml	-20°C		105				2034
PE		5 mg/ml	4°C		56				2034
POF		2 mg/ml	2-8°C		7				702
POF		2 mg/ml	25°C		48				702
EVA		10 mg/ml	23°C		7				1614
EVA		10 mg/ml	4°C		30				1614
PP		10 mg/ml	25°C		47				913
PP		10 mg/ml	4°C		84				913
PP		40 mg/ml	20-25°C		24				4007
PP		10 mg/ml	4°C		84				913

		41.67 mg/ml	18-25°C		48			4089
		5 mg/ml	25°C		48			2173
		5 mg/ml	4°C		180			2173
		0,025 mg/ml	4°C		14			895
		10 mg/ml	-20°C		168			2530
		10 mg/ml	25°C		62			913
		10 mg/ml	4°C		98			2530
		25 mg/ml	23-27°C		24			4373
		40 mg/ml	20-25°C		24			4007
		40 mg/ml	23-27°C		24			4373
		10 mg/ml	25°C		55			913
		5 mg/ml	4°C		24			428
		62,5 mg/ml	20-25°C		48			4348
		62,5 >> 83,3 mg/ml	20-25°C		48			4634
		83,3 mg/ml	20-25°C		48			4348
		5 mg/ml	4°C		24			428
		5 mg/ml	4°C		24			428
		5 mg/ml	4°C		24			428
		5 mg/ml	4°C		24			428
		5 mg/ml	4°C		24			428
		10 & 20 mg/ml	25°C		24			604
		10 & 20 mg/ml	4°C		10			604
		37,5 mg/ml	37°C		48			4634



## Stabilité en mélange

		5 mg/ml	23°C		Cefpirome sulfate : 50 mg/ml	8		280
		0,025 mg/ml	23°C		Heparin sodium : 9,75 UI/ml	85		3958
		2 & 5 mg/ml	37°C		Heparin sodium : 2500 UI/ml Sodium citrate : 22 & 40 mg/ml	72		3327
		0,025 mg/ml	4°C		Heparin sodium : 100 UI/ml	63		1414
		0,025 mg/ml	4°C		Heparin sodium : 9,75 UI/ml	85		3958

		4.9 mg/ml	25°C		Palonosetron hydrochloride : 27 µg/ml	4		2228
	RL	5 mg/ml	23°C		Cefpirome sulfate : 50 mg/ml	8		280
		5 mg/ml	23°C		Cefpirome sulfate : 50 mg/ml	8		280
		5 mg/ml	25°C		Ofloxacin : 2 mg/ml	48		889
PVC		1 mg/ml	32°C		Aztreonam : 4 mg/ml	7		284
PVC		1 mg/ml	4°C		Aztreonam : 4 mg/ml	31		284
PVC		1 mg/ml	23°C		Sodium citrate : 40 mg/ml	72		3951
PVC		3 mg/ml	23°C		Sodium citrate : 40 mg/ml	72		3951
PVC		1 mg/ml	23°C		Aztreonam : 4 mg/ml	31		284
PVC		3 mg/ml	4°C		Sodium citrate : 40 mg/ml	72		3951
PVC		1 mg/ml	4°C		Sodium citrate : 40 mg/ml	72		3951
PVC		1 mg/ml	23°C		Aztreonam : 4 mg/ml	14		284
PVC		1 mg/ml	24°C		Ceftazidime : 0,5 mg/ml	24		1416
PVC		1 mg/ml	37°C		Ceftazidime : 0,5 mg/ml	12		1416
PVC		1 mg/ml	4°C		Ceftazidime : 0,5 mg/ml	24		1416
PVC		1 mg/ml	24°C		Ceftazidime : 0,5 mg/ml	24		1416
PVC		1 mg/ml	37°C		Ceftazidime : 0,5 mg/ml	12		1416
PVC		1 mg/ml	4°C		Ceftazidime : 0,5 mg/ml	24		1416
PVC		1 mg/ml	25°C		Gentamicin sulfate : 0,02 mg/ml	14		3888
PVC		1 mg/ml	37°C		Gentamicin sulfate : 0,02 mg/ml	4		3888
PP		0,1 mg/ml	4°C		Heparin sodium : 5000 UI/ml	28		3956
		5 mg/ml	25°C		Paracetamol : 10 mg/ml	4		3571
		0,025 mg/ml	4°C		Heparin sodium : 100 UI/ml	14		895
		1 mg/ml	37°C		Sodium citrate : 40 mg/ml	72		3951
		3 mg/ml	37°C		Sodium citrate : 40 mg/ml	72		3951
		0,5 mg/ml	25°C		Famotidine : 0,2 mg/ml	14		1748
		0,5 mg/ml	4°C		Famotidine : 0,2 mg/ml	14		1748

























































### Facteur influençant la stabilité

	37°C			1167
	>62,5 mg/ml			4348
	80 mg/ml			4128



## Compatibilités

			
	Vancomycin hydrochloride : 5 mg/ml Aciclovir sodium : 5 mg/ml		336
	Vancomycin hydrochloride : 10 mg/ml Allopurinol sodium : 3 mg/ml		307
	Vancomycin hydrochloride : 5 mg/ml Alprostadil : 15 µg/ml		3201
	Vancomycin hydrochloride : 10 mg/ml Amifostine : 10 mg/ml		3
	Vancomycin hydrochloride : 10 mg/ml Amikacin sulfate : 15 mg/ml		3385
	 Vancomycin hydrochloride Aminophylline		3588
	Vancomycin hydrochloride : 10 mg/ml Amiodarone hydrochloride : 6 mg/ml		1611
	Vancomycin hydrochloride : 5 mg/ml Amiodarone hydrochloride : 4 mg/ml		385
	Vancomycin hydrochloride : 4 mg/ml Amiodarone hydrochloride : 6 mg/ml		1611
	Vancomycin hydrochloride : 31,3 mg/ml Amiodarone hydrochloride : 9 mg/ml		4698
	 Vancomycin hydrochloride Amobarbital sodium		3588
	 Vancomycin hydrochloride : 31.25 mg/ml Amoxicillin sodium : 20.83 mg/ml		4254
	Vancomycin hydrochloride : 50 mg/ml Amoxicillin sodium / clavulanic acid : 100/10 mg/ml		3824
	 Vancomycin hydrochloride : 10 mg/ml Amphotericin B cholesteryl sulfate complex : 0.83 mg/ml		921
	 Vancomycin hydrochloride : 10 & 62.5 & 83.3 mg/ml Amphotericin B liposomale : 1.16 mg/ml		4254
	Vancomycin hydrochloride : 20 mg/ml Ampicillin sodium : 1 >> 50 mg/ml		1674
	Vancomycin hydrochloride : 2 mg/ml Ampicillin sodium : 1 >> 250 mg/ml		1674
	 Vancomycin hydrochloride : 20 mg/ml Ampicillin sodium : 250 mg/ml		1674
	 Vancomycin hydrochloride : 20 mg/ml Ampicillin sodium - sulbactam sodium : 250-125 mg/ml		1674
	Vancomycin hydrochloride : 20 mg/ml Ampicillin sodium - sulbactam sodium : 1/0.5 >> 50/25 mg/ml		1674
	Vancomycin hydrochloride : 2 mg/ml Ampicillin sodium - sulbactam sodium : 1/0.5 >> 250/125 mg/ml		1674
	Vancomycin hydrochloride : 10 mg/ml Amsacrine : 1 mg/ml		253
	Vancomycin hydrochloride : 10 mg/ml Anidulafungin : 0.5 mg/ml		1982
	 Vancomycin hydrochloride Ascorbic acid		3588

		Vancomycin hydrochloride : 5 mg/ml Atracurium besylate : 0.5 mg/ml		402
		Vancomycin hydrochloride : 1 mg/ml Aztreonam : 4 mg/ml		284
		Vancomycin hydrochloride : 10 mg/ml Aztreonam : 40 mg/ml		284
		Vancomycin hydrochloride : 10 mg/ml Aztreonam : 40 mg/ml		99
		Vancomycin hydrochloride : 66.67 mg/ml Aztreonam : 200 mg/ml		94
		Vancomycin hydrochloride : 10 mg/ml Bivalirudin : 5 mg/ml		1713
		Vancomycin hydrochloride Bivalirudin		3539
		Vancomycin hydrochloride : 2 mg/ml Blinatumomab : 0.125 & 0.375 µg/ml		3976
		Vancomycin hydrochloride : 50 mg/ml Caffeine : 10 mg/ml		3964
		Vancomycin hydrochloride : 10 mg/ml Caspofungin acetate : 0,7 mg/ml		2247
		Vancomycin hydrochloride : 250 mg/ml Caspofungin acetate : 0.5 mg/ml		2233
		Vancomycin hydrochloride : 2 mg/ml Cefazolin sodium : 1 ; 10 & 200 mg/ml		1674
		Vancomycin hydrochloride : 20 mg/ml Cefazolin sodium : 10 >> 200 mg/ml		1674
		Vancomycin hydrochloride : 2 mg/ml Cefazolin sodium : 50 mg/ml		1674
		Vancomycin hydrochloride : 20 mg/ml Cefazolin sodium : 1 mg/ml		1674
		Vancomycin hydrochloride : 4 mg/ml Cefepime dihydrochloride : 20 mg/ml		3542
		Vancomycin hydrochloride : 10 mg/ml Cefepime dihydrochloride : 200 mg/ml		3385
		Vancomycin hydrochloride : 10 mg/ml Cefepime dihydrochloride : 83.33 mg/ml		3385
		Vancomycin hydrochloride Cefepime dihydrochloride		3548
		Vancomycin hydrochloride : 30 mg/ml Cefepime dihydrochloride : 125 mg/ml		2141
		Vancomycin hydrochloride : 5 mg/ml Cefiderocol sulfate tosylate : 20 mg/mL		4528
		Vancomycin hydrochloride : 4 & 50 mg/ml Cefmetazole sodium : 100 mg/ml		93
		Vancomycin hydrochloride : 20 mg/ml Cefonicid sodium : 10 >> 225 mg/ml		1674
		Vancomycin hydrochloride : 2 mg/ml Cefonicid sodium : 1 >> 225 mg/ml		1674
		Vancomycin hydrochloride : 20 mg/ml Cefonicid sodium : 1 mg/ml		1674
		Vancomycin hydrochloride : 25 & 30 mg/ml Cefotaxime sodium : 100 mg/ml		260

		Vancomycin hydrochloride : 5 & 12,5 mg/ml Cefotaxime sodium : 100 mg/ml		260
		Vancomycin hydrochloride : 20 mg/ml Cefotaxime sodium : 50 & 200 mg/ml		1674
		Vancomycin hydrochloride : 2 mg/ml Cefotaxime sodium : 1 >> 200 mg/ml		1674
		Vancomycin hydrochloride : 20 mg/ml Cefotaxime sodium : 1 & 10 mg/ml		1674
		Vancomycin hydrochloride : 2 mg/ml Cefoxitin sodium : 1 >> 180 mg/ml		1674
		Vancomycin hydrochloride : 20 mg/ml Cefoxitin sodium : 10 mg/ml		1674
		Vancomycin hydrochloride : 20 mg/ml Cefoxitin sodium : 1 mg/ml		1674
		Vancomycin hydrochloride : 20 mg/ml Cefoxitin sodium : 50 & 180 mg/ml		1674
		Vancomycin hydrochloride : 5 mg/ml Cefpirome sulfate : 50 mg/ml		280
		Vancomycin hydrochloride : 5 mg/ml Cefpirome sulfate : 50 mg/ml	RL	280
		Vancomycin hydrochloride : 5 mg/ml Cefpirome sulfate : 50 mg/ml		280
		Vancomycin hydrochloride : 5 mg/ml Ceftazidime : 5 mg/ml		3101
		Vancomycin hydrochloride : 5 mg/ml Ceftazidime : 5 mg/ml		3101
		Vancomycin hydrochloride : 5 mg/ml Ceftazidime : 5 mg/ml		3101
		Vancomycin hydrochloride : 10 & 100 mg/ml Ceftazidime : 22 & 200 mg/ml		1877
		Vancomycin hydrochloride : 10 mg/ml Ceftazidime : 125 mg/ml		3385
		Vancomycin hydrochloride : 10 mg/ml Ceftazidime : 40 mg/ml		1399
		Vancomycin hydrochloride : 20 mg/ml Ceftazidime : 10 >> 200 mg/ml		1674
		Vancomycin hydrochloride : 1 mg/ml Ceftazidime : 0.5 mg/ml		1416
		Vancomycin hydrochloride Ceftazidime		3543
		Vancomycin hydrochloride : 10 mg/ml Ceftazidime : 20 mg/ml		1959
		Vancomycin hydrochloride : 30 mg/ml Ceftazidime : 125 mg/ml		2141
		Vancomycin hydrochloride : 2 mg/ml Ceftazidime : 1 >> 200 mg/ml		1674
		Vancomycin hydrochloride Ceftazidime		3883
		Vancomycin hydrochloride : 30 mg/ml Ceftazidime : 83.3 mg/ml		1759
		Vancomycin hydrochloride : 20 mg/ml Ceftazidime : 1 mg/ml		1674



		Vancomycin hydrochloride : 10 mg/ml Ceftazidime Avibactam : 40 mg/ml		3984
		Vancomycin hydrochloride : 15 mg/ml Ceftazidime Avibactam : 8 >> 40 mg/ml		3984
		Vancomycin hydrochloride : 10 mg/ml Ceftazidime Avibactam : 8 & 20 mg/ml		3984
		Vancomycin hydrochloride : 5 mg/ml Ceftazidime Avibactam : 20 & 40 mg/ml		3984
		Vancomycin hydrochloride : 5 mg/ml Ceftazidime Avibactam : 8 mg/ml		3984
		Vancomycin hydrochloride : 20 mg/ml Ceftizoxime sodium : 280 mg/ml		1674
		Vancomycin hydrochloride : 20 mg/ml Ceftizoxime sodium : 1 >> 50 mg/ml		1674
		Vancomycin hydrochloride : 2 mg/ml Ceftizoxime sodium : 1 >> 280 mg/ml		1674
		Vancomycin hydrochloride : 15 mg/ml Ceftolozane / tazobactam : 15 mg/ml		3984
		Vancomycin hydrochloride : 5 & 10 mg/ml Ceftolozane / tazobactam : 15 mg/ml		3984
		Vancomycin hydrochloride : 5 mg/ml Ceftolozane / tazobactam : 10/5 mg/ml		3828
		Vancomycin hydrochloride : 2 mg/ml Ceftriaxone disodium : 1 >> 250 mg/ml		1674
		Vancomycin hydrochloride : 20 mg/ml Ceftriaxone disodium : 1 >> 250 mg/ml		1674
		Vancomycin hydrochloride Ceftriaxone disodium		3523
		Vancomycin hydrochloride : 20 mg/ml Ceftriaxone disodium : 100 mg/ml		95
		Vancomycin hydrochloride : 2 mg/ml Cefuroxime sodium : 1 >> 150 mg/ml		1674
		Vancomycin hydrochloride : 20 mg/ml Cefuroxime sodium : 10 >> 150 mg/ml		1674
		Vancomycin hydrochloride : 20 mg/ml Cefuroxime sodium : 1 mg/ml		1674
		Vancomycin hydrochloride Chloramphenicol sodium succinate		3588
		Vancomycin hydrochloride Chlorothiazide sodium		3588
		Vancomycin hydrochloride : 5 mg/ml Cimetidine hydrochloride : 3 mg/ml		1201
		Vancomycin hydrochloride : 10 mg/ml Ciprofloxacin lactate : 2 mg/ml		3385
		Vancomycin hydrochloride : 10 mg/ml Cisatracurium besylate : 0.1 >> 5 mg/ml		299
		Vancomycin hydrochloride : < 2 mg/ml Cloxacillin sodium : < 1.25 mg/ml		3557
		Vancomycin hydrochloride : 50 mg/ml Cloxacillin sodium : 100 mg/ml		3012
		Vancomycin hydrochloride : > 2 mg/ml Cloxacillin sodium : > 1.25 mg/ml		3557

		Vancomycin hydrochloride : 10 mg/ml Colistin mesilate sodium : 1.5 mg/ml		3997
		Vancomycin hydrochloride Daunorubicin/cytarabine liposomale		4354
		Vancomycin hydrochloride Daunorubicin/cytarabine liposomale : 0,4 mg/mL		4654
		Vancomycin hydrochloride : 10.4 mg/ml Defibrotide : 8 mg/ml		3728
		Vancomycin hydrochloride Dexamethasone sodium phosphate		3588
		Vancomycin hydrochloride Dexamethasone sodium phosphate		3668
		Vancomycin hydrochloride : 10 mg/ml Dexmedetomidine : 4 µg/ml		1712
		Vancomycin hydrochloride : 5 & 50 mg/ml Diltiazem hydrochloride : 5 mg/ml		198
		Vancomycin hydrochloride Dimenhydrinate		2087
		Vancomycin hydrochloride : 10 mg/ml Dobutamine hydrochloride : 1 mg/ml		3385
		Vancomycin hydrochloride : 10 mg/ml Docetaxel : 0.9 mg/ml		1754
		Vancomycin hydrochloride : 10 mg/ml Dopamine hydrochloride : 0.4 mg/ml		3385
		Vancomycin hydrochloride : 10 mg/ml Doripenem : 5 mg/ml		2262
		Vancomycin hydrochloride : 5 mg/ml Doxapram hydrochloride : 2 mg/ml		1802
		Vancomycin hydrochloride : 10 mg/ml Doxorubicin hydrochloride liposome peg : 0.4 mg/ml		251
		Vancomycin hydrochloride : 5 mg/ml Enalaprilate : 0.05 mg/ml		1315
		Vancomycin hydrochloride : 10 mg/ml Epinephrine hydrochloride : 50 µg/ml		3385
		Vancomycin hydrochloride : 5 mg/ml Eravacycline : 0,6 mg/ml		4434
		Vancomycin hydrochloride : 10 mg/ml Erythromycin lactobionate : 5 mg/ml		3385
		Vancomycin hydrochloride : 5 mg/ml Esmolol hydrochloride : 10 mg/ml		384
		Vancomycin hydrochloride : 10 mg/ml Etoposide phosphate : 5 mg/ml		1410
		Vancomycin hydrochloride : 5 mg/ml Famotidine : 0,2 mg/ml		1748
		Vancomycin hydrochloride : 10 mg/ml Fenoldopam mesylate : 80 µg/ml		1803
		Vancomycin hydrochloride : 5 mg/ml Fentanyl citrate : 50 µg/ml		63
		Vancomycin hydrochloride : 10 mg/ml Filgrastim : 30 µg/ml		244
		Vancomycin hydrochloride : 10 mg/ml Flucloxacillin sodium : 250 mg/ml		3385

		Vancomycin hydrochloride : 20 mg/ml Fluconazole : 2 mg/ml		496
		Vancomycin hydrochloride : 10 mg/ml Fluconazole : 2 mg/ml		3385
		Vancomycin hydrochloride : 10 mg/ml Fludarabine phosphate : 1 mg/ml		492
		Vancomycin hydrochloride Foscarnet sodium		3662
		Vancomycin hydrochloride : 20 mg/ml Foscarnet sodium : 24 mg/ml		73
		Vancomycin hydrochloride : 15 mg/ml Foscarnet sodium : 24 mg/ml		1135
		Vancomycin hydrochloride : 10 mg/ml Foscarnet sodium : 24 mg/ml		132
		Vancomycin hydrochloride : 5 mg/ml Fosfomycin : 30 mg/ml		4055
		Vancomycin hydrochloride : 10 mg/ml Furosemide : 10 mg/ml		3385
		Vancomycin hydrochloride : 5 mg/ml Gallium nitrate : 1 mg/ml		91
		Vancomycin hydrochloride : 5 mg/ml Gelatin		3485
		Vancomycin hydrochloride : 10 mg/ml Gemcitabine hydrochloride : 10 mg/ml		1423
		Vancomycin hydrochloride : 10 mg/ml Gentamicin sulfate : 6 mg/ml		3385
		Vancomycin hydrochloride : 10 mg/ml Granisetron hydrochloride : 0.05 mg/ml		182
		Vancomycin hydrochloride : 0,015 >> 6,8 mg/ml Heparin sodium : 0,5 >> 14,3 UI/ml		2375
		Vancomycin hydrochloride : 6,9 >> 14,3 mg/ml Heparin sodium : 0,5 >> 14,3 UI/ml		2375
		Vancomycin hydrochloride : 0,015 >> 6,8 mg/ml Heparin sodium : 0,5 >> 14,3 UI/ml		2375
		Vancomycin hydrochloride : 0.025 mg/ml Heparin sodium : 100 UI/ml		895
		Vancomycin hydrochloride : 6.6 mg/ml Heparin sodium : 50 UI/ml		317
		Vancomycin hydrochloride : 2.5 mg/ml Heparin sodium : 5000 UI/ml		2037
		Vancomycin hydrochloride Heparin sodium		3588
		Vancomycin hydrochloride : 0.025 mg/ml Heparin sodium : 10 UI/ml		3125
		Vancomycin hydrochloride Heparin sodium		3540
		Vancomycin hydrochloride : 2 mg/ml Heparin sodium : 10 UI/ml		2037
		Vancomycin hydrochloride : 0.025 mg/ml Heparin sodium : 100 UI/ml		1414
		Vancomycin hydrochloride : 10 mg/ml Heparin sodium : 100 UI/ml		132

		Vancomycin hydrochloride : 6,9 >> 14,3 mg/ml Heparin sodium : 0,5 >> 14,3 UI/ml		2375
		Vancomycin hydrochloride : 10 mg/ml Hetastarch : 60 mg/ml		1721
		Vancomycin hydrochloride : 5 mg/ml Hetastarch : 60 mg/ml		3485
		Vancomycin hydrochloride : 5 mg/ml Human albumin : 45 mg/ml		3485
		Vancomycin hydrochloride Hydrocortisone sodium succinate		3588
		Vancomycin hydrochloride : 4 mg/ml Hydromorphone hydrochloride : 2 mg/ml		2335
		Vancomycin hydrochloride : 5 mg/ml Hydromorphone hydrochloride : 0.2 mg/ml		405
		Vancomycin hydrochloride : 50 mg/ml Ibuprofen lysinate : 10 mg/ml		4419
		Vancomycin hydrochloride : 4 mg/ml Idarubicin hydrochloride : 1 mg/ml		491
		Vancomycin hydrochloride : 10 mg/ml Insulin : 100 UI/ml		3385
		Vancomycin hydrochloride : 4 mg/ml Insulin : 0.2 UI/ml		129
		Vancomycin hydrochloride : 10 mg/ml Insulin aspart : 1 UI/ml		1508
		Vancomycin hydrochloride : 10 mg/ml Isosorbide dinitrate : 0.2 mg/ml		3385
		Vancomycin hydrochloride : 50 mg/ml Ketamine hydrochloride : 50 mg/ml		2109
		Vancomycin hydrochloride : 10 mg/ml		3948
		Vancomycin hydrochloride : 5 mg/ml Isavuconazonium sulfate : 1.5 mg/ml		3829
		Vancomycin hydrochloride : 10 mg/ml Ketamine hydrochloride : 10 mg/ml		3385
		Vancomycin hydrochloride : 5 mg/ml Labetalol hydrochloride : 1 mg/ml		386
		Vancomycin hydrochloride : 10 mg/ml Lansoprazole : 0.55 mg/ml		1625
		Vancomycin hydrochloride : 5 mg/ml Levetiracetam : 5 mg/ml		4569
		Vancomycin hydrochloride : 50 mg/ml		999
		Vancomycin hydrochloride : 50 mg/ml Levofloxacin : 5 mg/ml		1072
		Vancomycin hydrochloride : 10 mg/ml Linezolid : 2 mg/ml		1925
		Vancomycin hydrochloride : 10 mg/ml		939
		Vancomycin hydrochloride : 10 mg/ml		301
		Vancomycin hydrochloride : 5 mg/ml Lorazepam : 0.33 mg/ml		186
		Vancomycin hydrochloride : 5 mg/ml Magnesium sulfate : 16.67 >> 100 mg/ml		1047

		Vancomycin hydrochloride : 10 mg/ml Melphalan : 0.1 mg/ml		169
		Vancomycin hydrochloride : 50 mg/ml Meropenem : 50 mg/ml		4319
		Vancomycin hydrochloride : 1 mg/ml Meropenem : 1 & 20 mg/ml		266
		Vancomycin hydrochloride : 5 mg/ml Meropenem : 1 & 50 mg/ml		266
		Vancomycin hydrochloride : 5 mg/ml Methotrexate sodium : 30 mg/ml		150
		Vancomycin hydrochloride : 5 mg/ml Midazolam hydrochloride : 1 mg/ml		176
		Vancomycin hydrochloride : 5 mg/ml Midazolam hydrochloride : 5 mg/ml		186
		Vancomycin hydrochloride : 10 mg/ml Midazolam hydrochloride : 5 mg/ml		3385
		Vancomycin hydrochloride : 5 mg/ml Morphine sulfate : 1 mg/ml		405
		Vancomycin hydrochloride : 10 mg/ml Moxifloxacin : 1.6 mg/ml		3385
		Vancomycin hydrochloride : 10 mg/ml Mycophenolate mofetil : 5,9 mg/ml		2192
		Vancomycin hydrochloride : 10 mg/ml N-acetylcysteine : 100 mg/ml		3385
		Vancomycin hydrochloride : 2 & 20 mg/ml Nafcillin sodium : 1 mg/ml		1674
		Vancomycin hydrochloride : 2 mg/ml Nafcillin sodium : 10 >> 250 mg/ml		1674
		Vancomycin hydrochloride : 20 mg/ml Nafcillin sodium : 10 >> 250 mg/ml		1674
		Vancomycin hydrochloride : 50 mg/ml Naloxone hydrochloride : 0.4 mg/ml		3408
		Vancomycin hydrochloride : 31.25 mg/ml Nefopam : 0.16 mg/ml		4254
		Vancomycin hydrochloride : 10 mg/ml Nicardipine hydrochloride : 1 mg/ml		3385
		Vancomycin hydrochloride : 5 mg/ml Nicardipine hydrochloride : 0.1 mg/ml		1490
		Vancomycin hydrochloride : 5 mg/ml Ofloxacin : 2 mg/ml		889
		Vancomycin hydrochloride : 10 mg/ml Omeprazole sodium : 4 mg/ml		264
		Vancomycin hydrochloride : 10 mg/ml Ondansetron hydrochloride : 1 mg/ml		334
		Vancomycin hydrochloride : 5 mg/ml		316
		Vancomycin hydrochloride : 10 mg/ml		3948
		Vancomycin hydrochloride : 10 mg/ml Oxacillin sodium : 20 mg/ml		3813
		Vancomycin hydrochloride Penicillin G potassium		3588
		Vancomycin hydrochloride : 10 mg/ml Pentoxifyllin : 5 mg/ml		4543

		Vancomycin hydrochloride : 10 mg/ml Phenytoin sodium : 50 mg/ml		3385
		Vancomycin hydrochloride Phenytoin sodium		3588
		Vancomycin hydrochloride : 50 mg/ml	RL	4603
		Vancomycin hydrochloride : 5 mg/ml		4440
		Vancomycin hydrochloride : 10 mg/ml Pemetrexed disodium : 20 mg/ml		1953
		Vancomycin hydrochloride : 5 mg/ml		4488
		Vancomycin hydrochloride : 40 mg/ml Pantoprazole sodium : 8 mg/ml		2139
		Vancomycin hydrochloride Pantoprazole sodium		2090
		Vancomycin hydrochloride : 10 mg/ml Phloroglucinol : 2,5 mg/ml		3791
		Vancomycin hydrochloride : 10 mg/ml		1415
		Vancomycin hydrochloride : 0.5 & 1 mg/ml		895
		Vancomycin hydrochloride : 0.0974 >> 1.333 mg/ml		1868
		Vancomycin hydrochloride : 10 mg/ml Paclitaxel : 1.2 mg/ml		85
		Vancomycin hydrochloride : 5 mg/ml Palonosetron hydrochloride : 50 µg/ml		2228
		Vancomycin hydrochloride : 5 mg/ml Pancuronium bromide : 0.05 mg/ml		402
		Vancomycin hydrochloride : 50 mg/ml Paracetamol : 10 mg/ml		4742
		Vancomycin hydrochloride : 5 mg/ml Paracetamol : 10 mg/ml		3571
		Vancomycin hydrochloride : 4 mg/ml Phenytoin sodium : 5 mg/ml		3421
		Vancomycin hydrochloride : 10 mg/ml Piperacillin sodium / tazobactam : 200 mg/ml		3385
		Vancomycin hydrochloride		3985
		Vancomycin hydrochloride : 5 mg/ml		966
		Vancomycin hydrochloride : 5 mg/ml Pethidine hydrochloride : 10 mg/ml		405
		Vancomycin hydrochloride : 2 mg/ml Piperacillin sodium : 1 >> 200 mg/ml		1674
		Vancomycin hydrochloride : 20 mg/ml Piperacillin sodium : 1 mg/ml		1674
		Vancomycin hydrochloride : 20 mg/ml Piperacillin sodium : 10 >> 250 mg/ml		1674
		Vancomycin hydrochloride : 8 mg/ml Piperacillin sodium / tazobactam : 16 >> 100 mg/ml		2475
		Vancomycin hydrochloride : 5 mg/ml	Normo Sol®	4655
		Vancomycin hydrochloride : 10 & 15 mg/ml Piperacillin sodium / tazobactam : 28 mg/ml		3984

		Vancomycin hydrochloride : 10 mg/ml Piperacillin sodium / tazobactam : 100/12,5 mg/ml		3365
		Vancomycin hydrochloride : 10 mg/ml Piperacillin sodium / tazobactam : 40 >> 100 mg/ml		2475
		Vancomycin hydrochloride : >8 mg/ml Piperacillin sodium / tazobactam		3841
		Vancomycin hydrochloride : 2 mg/ml Piperacillin sodium / tazobactam : 16 >> 100 mg/ml		2475
		Vancomycin hydrochloride : 5 mg/ml Piperacillin sodium / tazobactam : 16 >> 100 mg/ml		2475
		Vancomycin hydrochloride : 10 mg/ml Piperacillin sodium / tazobactam : 16 >> 30 mg/ml		2475
		Vancomycin hydrochloride : 4 mg/ml Piperacillin sodium / tazobactam : 30/3,75 mg/ml		3421
		Vancomycin hydrochloride : 4 mg/ml Piperacillin sodium / tazobactam : 40/5 mg/ml		3421
		Vancomycin hydrochloride : 8 mg/ml Piperacillin sodium / tazobactam : 80 & 90 mg/ml		3841
		Vancomycin hydrochloride : 8 mg/ml Piperacillin sodium / tazobactam : 33.75 >> 67.5 mg/ml		3841
		Vancomycin hydrochloride : 10 mg/ml Piperacillin sodium / tazobactam : 40/5 mg/ml		81
		Vancomycin hydrochloride : 20 mg/ml Piperacillin sodium / tazobactam : 10/1.25 >> 200/25 mg/ml		1674
		Vancomycin hydrochloride : 10 mg/ml Piperacillin sodium / tazobactam : 112,5 mg/ml		3428
		Vancomycin hydrochloride : 4 mg/ml Piperacillin sodium / tazobactam : 80 >> 100 mg/ml		2475
		Vancomycin hydrochloride : 4 >> 7 mg/ml Piperacillin sodium / tazobactam : 33.75 >> 90 mg/ml		3841
		Vancomycin hydrochloride : 5 mg/ml Piperacillin sodium / tazobactam : 67,5 mg/ml		3960
		Vancomycin hydrochloride : 4 mg/ml Piperacillin sodium / tazobactam : 16 >> 40 mg/ml		2475
		Vancomycin hydrochloride : 20 mg/ml Piperacillin sodium / tazobactam : 1/0.125 mg/ml		1674
		Vancomycin hydrochloride : 2 mg/ml Piperacillin sodium / tazobactam : 1/0.125 >> 200/25 mg/ml		1674
		Vancomycin hydrochloride : 5 mg/ml Piperacillin sodium / tazobactam : 28 mg/ml		3984
		Vancomycin hydrochloride : 10 mg/ml Piritramide : 2 mg/ml		3385
		Vancomycin hydrochloride : 5 mg/ml Plazomicin sulfate : 24 mg/ml		4145
		Vancomycin hydrochloride Posaconazole		4380
		Vancomycin hydrochloride : 4 mg/ml Propofol		660
		Vancomycin hydrochloride : 50 mg/ml Propofol		4524
		Vancomycin hydrochloride : 10 mg/ml Propofol : 1 mg/ml		3385

		Vancomycin hydrochloride : 10 mg/ml Propofol : 10 mg/ml	∅	300
		Vancomycin hydrochloride Pyridoxine hydrochloride		3588
		Vancomycin hydrochloride : 10 mg/ml Remifentanil hydrochloride : 25 & 250 µg/ml	▲	59
		Vancomycin hydrochloride Rocuronium bromide		3564
		Vancomycin hydrochloride : 50 mg/ml Salbutamol sulfate : 1 mg/ml	∅	3216
		Vancomycin hydrochloride : 10 mg/ml Sargramostim : 10 µg/ml	▲	335
		Vancomycin hydrochloride : 20 mg/ml Sargramostim : 15 µg/ml	▲	891
		Vancomycin hydrochloride : 20 mg/ml Sargramostim : 6 µg/ml	▲	891
		Vancomycin hydrochloride : 5 mg/ml Sodium bicarbonate : 40 mg/ml	∅	3122
		Vancomycin hydrochloride : 10 mg/ml Sodium bicarbonate : 40 mg/ml	∅	3122
		Vancomycin hydrochloride : 5 & 10 mg/ml Sodium citrate : 40 mg/ml	∅	4027
		Vancomycin hydrochloride : 20 mg/ml Sodium citrate : 40 mg/ml	∅	3122
		Vancomycin hydrochloride : 1 & 3 mg/ml Sodium citrate : 40 mg/ml	▲	3951
		Vancomycin hydrochloride : 10 mg/ml Sufentanil citrate : 0.005 mg/ml	◆	3385
		Vancomycin hydrochloride : 5 mg/ml Sulbactam/durlobactam : 15/15 mg/ml	▲	4801
		Vancomycin hydrochloride : 5 mg/ml Tacrolimus : 1000 µg/ml	▲	479
		Vancomycin hydrochloride : 5 mg/ml Tedizolid phosphate : 0.8 mg/ml	▲	3827
		Vancomycin hydrochloride : 10 mg/ml Temocilline : 100 mg/ml	◆	3385
		Vancomycin hydrochloride : 30 mg/ml Temocilline : 83.33 mg/ml	💧	2231
		Vancomycin hydrochloride Temocilline		4470
		Vancomycin hydrochloride : 10 mg/ml Teniposide : 0.1 mg/ml	◆	905
		Vancomycin hydrochloride : 6.6 mg/ml Theophylline : 4 mg/ml	∅	317
		Vancomycin hydrochloride : 10 mg/ml Theophylline : 20 mg/ml	◆	3385
		Vancomycin hydrochloride Thiamine hydrochloride		3588
		Vancomycin hydrochloride : 50 mg/ml Thiopental sodium : 25 mg/ml	▲	3767
		Vancomycin hydrochloride : 10 mg/ml Thiotepa : 1 mg/ml	◆	249



		Vancomycin hydrochloride : 20 mg/ml Ticarcillin / clavulanic acid : 1/0.034 >> 200/6.7 mg/ml		1674
		Vancomycin hydrochloride Ticarcillin / clavulanic acid		1649
		Vancomycin hydrochloride : 2 mg/ml Ticarcillin / clavulanic acid : 1/0.034 >> 200/6.7 mg/ml		1674
		Vancomycin hydrochloride : 10 mg/ml Tobramycin sulfate : 6 mg/ml		3385
		Vancomycin hydrochloride : 10 mg/ml Urapidil : 5 mg/ml		3385
		Vancomycin hydrochloride : 10 mg/ml Valproic acid : 100 mg/ml		3385
		Vancomycin hydrochloride : 5 mg/ml Vecuronium bromide : 0.1 mg/ml		402
		Vancomycin hydrochloride : 1 mg/ml Verapamil hydrochloride : 0.08 mg/ml	 	1057
		Vancomycin hydrochloride : 10 mg/ml Vinorelbine tartrate : 1 mg/ml		84
		Vancomycin hydrochloride : 4 mg/ml Warfarin sodium : 2 mg/ml		315
		Vancomycin hydrochloride : 10 mg/ml Warfarin sodium : 2 mg/ml	 	552
		Vancomycin hydrochloride : 10 mg/ml Warfarin sodium : 0.1 mg/ml	 	552
		Vancomycin hydrochloride Warfarin sodium		3588
		Vancomycin hydrochloride : 15 mg/ml Zidovudine : 4 mg/ml		337



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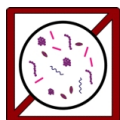
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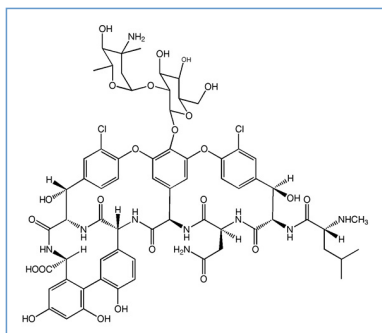
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# Stabilis



## Vancomycin hydrochloride



### Stabilité des préparations

		3000mg Vancomycine	SyrSpend SF® >>60ml	2-8°C		90		3303
		3750 mg @ = ?	SyrSpend SF PH4® >> 150 ml	2-8°C		90		4177
		1250 mg @=?	Orasweet ® 25 ml Eau distillée 25 ml	23°C		26		3153
3000 mg Vancomycine Fresenius Kabi®			Oral Syrup® >> 60 ml	25°C		28		3794
		1250 mg @=?	Orasweet ® 25 ml Eau distillée 25 ml	4°C		75		3153
3000 mg Vancomycine Fresenius Kabi®			Oral Syrup® >> 60 ml	4°C		91		3794
150 mg Vancomycine Fresenius Kabi®			Oral Syrup® >> 3 ml	25°C		28		3794
150 mg Vancomycine Fresenius Kabi®			Oral Syrup® >> 3 ml	4°C		91		3794



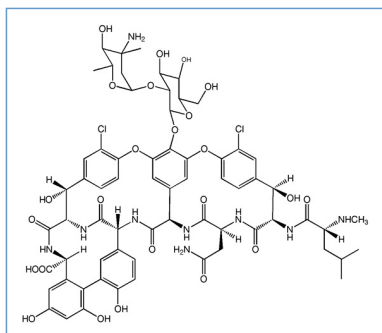
## Bibliographie

	Type	Source
3153	Revue	Ensom M.H.H, Decarie D, Lakhani A. Stability of Vancomycin 25 mg/mL in Ora-Sweet and Water in Unit-Dose Cups and Plastic Bottles at 4°C and 25°C. Can J Hosp Pharm 2010 ; 63, 5: 366-372.
3303	Revue	Whaley P A, Voudrie M. Stability of Vancomycin in SyrSpend SF. Int J Pharm Compound 2012 ; 16, 2: 167-169.
3794	Revue	Smith A.D, Rempel G, Szeitz A, Klassen T.L, Ensom M.H.H. Vancomycin 50 mg/mL Suspension in Oral Syrup: Stability in Plastic Bottles and Syringes at 2 Temperatures. Can J Hosp Pharm 2017 ; 70,3 :247-249
4177	Revue	Polonini H, Loures da Silva S, Fernandes Brandao M.A, Bauters T, De Moerloose B, De Oliveira Ferreira A. Compatibility of Baclofen, Carvedilol, Hydrochlorothiazide, Mercaptopurine, Methadone Hydrochloride, Oseltamivir Phosphate, Phenobarbital, Propranolol Hydrochloride, Pyrazinamide, Sotalol Hydrochloride, Spironolactone, Tacrolimus Monohydrate, Ursodeoxycholic Acid, and Vancomycin Hydrochloride Oral Suspensions Compounded with SyrSpend SF PH4. Int J Pharm Compound 2018 ;22,6:516-526

# Stabilis











## Vancomycin hydrochloride



### Stabilité des préparations

25 mg Vancomycine Dakota®		Glucose 5% >> 5 ml	-20°C		90			2649
500 mg Vancocine®		NaCl 0.9% >> 10 ml	24-26°C		15			2732
500 mg Vancocine®		NaCl 0.9% >> 10 ml	4°C		20			2732
30 mg ® = Mylan		Advanced Eye Relief® >> 3 mL	- 20 °C		14			4681
150 mg ® = Mylan		Advanced Eye Relief® >> 3 mL	- 20 °C		14			4681
500 mg ® = Pfizer		BSS solution® >> 10 mL	-20°C		90			4596
30 mg ® = Mylan		Advanced Eye Relief® >> 3 mL	2-8 °C		28			4681
150 mg ® = Mylan		Advanced Eye Relief® >> 3 mL	2-8 °C		28			4681
500 mg ® = Eli Lilly		BSS solution® >> 10 mL	24°C		28			4264
500 mg ® = Eli Lilly		BSS solution® >> 10 mL	4°C		28			4264
500 mg ® = Pfizer		BSS solution® >> 10 mL	5°C		30			4596



?		465 mg Vancocin®	OH propyl methyl cellulose 31.5 mg Dextran 70 10.5 mg Chlorure de benzalkonium 1.05 mg Edétate de sodium 5.25 mg Eau ppi >> 15 ml	0°C			45		2420
?		465 mg Vancocin®	OH propyl methyl cellulose 31.5 mg Dextran 70 10.5 mg Chlorure de benzalkonium 1.05 mg Edétate de sodium 5.25 mg Eau ppi >> 15 ml	5°C			7		2420
?		465 mg Vancocin®	OH propyl methyl cellulose 31.5 mg Dextran 70 10.5 mg Chlorure de benzalkonium 1.05 mg Edétate de sodium 5.25 mg Eau ppi >> 15 ml	4°C			10		2420



### Facteur influençant la stabilité

				2420
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































































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2649	Revue	Sautou-Miranda V, Libert F, Grand-Boyer A, Gellis C, Chopineau J. Impact of deep freezing on the stability of 25 mg/ml vancomycin ophtalmic solutions. Int J Pharm 2002 ; 234, 1-2: 205-212.
2732	Revue	Barbault S, Aymard G, Feldman D, Pointereau-Bellanger A, Thuillier A. Stability of vancomycin eye drops. J Pharm Clin 1999 ; 18: 183-189.
4264	Revue	Karampatakis V, Papanikolaou T, Giannousis M, Goulas A, Mandraveli K, Kilmpasani M, Alexiou-Daniel S, Mirtsou-Fidani V. Stability and antibacterial potency of ceftazidime and vancomycin eyedrops reconstituted in BSS against Pseudomonas aeruginosa and Staphylococcus aureus. Acta Ophthalmol 2008
4596	Revue	Roura-Turet J, Rodriguez-Reyes M, Guerrero-Molina L, Soy-Muner D, López-Cabezas C. Stability of 5% vancomycin ophthalmic solution prepared using balanced salt solution after freezing for 90 days. Am J Health-Syst Pharm 2021 ;78,15:444-1447
4681	Revue	Chen P, Mar Z, Giannetti A, Hughes S, Gilbert J, Zhao F. An Exploratory Study of a New Vancomycin Eye Drops Formulation for Extemporaneous Compounding. Hosp Pharm 2022 ; 57, 1: 69-75.



# Dictionnaire

 Antibiotique	 Injectable
 Noms commerciaux	 Stabilité des solutions
 Contenant	 Molécule
 Concentration	 Température
 Conservation	 Durée de stabilité
 Biosimilaire	 Données conflictuelles
 Bibliographie	 Verre
 NaCl 0,9% ou glucose 5%	 A l'abri de la lumière
 Jour	 Heure
 Non précisée	 Chlorure de sodium 0,9%
 Glucose 5%	 Polyvinyl chlorure
 Lumière	 Dianéal® PD1 1.36% glucose (Baxter)
 Dianéal® PD1 3.86% glucose (Baxter)	 Extraneal® (Baxter)
 Polyéthylène	 Eau pour préparation injectable
 Polyoléfine	 Ethylène vinyl acétate
 Seringue polypropylène	 Glucose 10%
 Glucose 15%	 Glucose 20%
 Glucose 25%	 Glucose 30%
 Elastomère en polyisoprène	 Stabilité en mélange
 Solvant	 Molécule
<b>RL</b> Ringer lactate	 Chlorure de sodium 0,45%
$\emptyset$ Aucun	 Dianéal® PD2 4.25% glucose (Baxter)
 Dianéal® PD2 1.5% glucose (Baxter)	 Polypropylène
 Non précisé	 Facteur influençant la stabilité
 Provoque	 Dégradation
 Précipitation	 Compatibilités
 Compatible	 Incompatibilité non précisée
 Incompatible	 Précipitation immédiate
 Turbidité immédiate	 Turbidité en 4 heures
 Dianéal® 2.5% glucose (Baxter)	 Dianéal® 4.25% glucose (Baxter)

 Dianéal® 1.5% glucose (Baxter)	 Dianéal® PD1 4.25% glucose (Baxter)
 Dianéal® PD2 2.5% glucose (Baxter)	 Nutrition parentérale (mélange binaire)
 Solvant spécifique	 Changement de couleur
 Changement de couleur à 4 heures	 Nutrition parentérale (mélange ternaire)
 Changement de couleur à 6 heures	 Normosol®
 Instabilité de l'émulsion à 6 heures	 Précipitation en 24 heures
 Voie d'administration	 Perfusion intraveineuse
 Perfusion continue	 Intrathécale
 Intraventriculaire	 Intravitréenne
 Sous conjonctivale	 Bibliographie
 Solution buvable	 Stabilité des préparations
 Origine	 Excipient
 Flacon plastique	 Poudre
 Flacon injectable	 Seringue PP orale
 Collyre	 Avec ou sans lumière
 Augmentation	 Dictionnaire