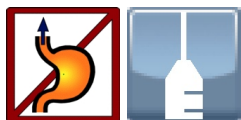
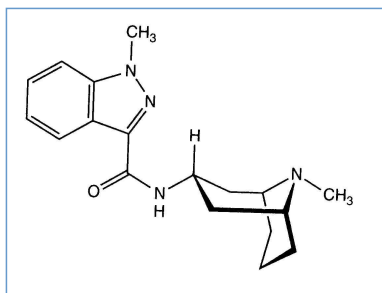


# Stabilis



## Granisetron hydrochloride



Noms commerciaux

Axigran	Allemagne, Arabie Saoudite
Cadigran	Inde
Cetrexon	Colombie
Em Ex	Egypte
Emegran	Inde
Emetril	Turquie
Grandem	Inde
Granic	Iran
Granicip	Inde
Graniset	Inde
Granisetrom	Portugal
Granisetron	Arabie Saoudite, Belgique, Canada, Chili, Egypte, Equateur, Espagne, Etats Unis d'Amérique, Grande Bretagne, Mexique, Pérou, Roumanie, Suède
Granitero	Portugal
Granitron	Autriche
Granon	Inde
Granytril	Inde
Gratil	Iran
Gratryl	Turquie
Helminar	Pérou
Kevatril	Allemagne
Kytril	Allemagne, Arabie Saoudite, Australie, Autriche, Belgique, Brésil, Chili, Colombie, Danemark, Egypte, Emirats Arabes Unis, Equateur, Espagne, Finlande, Grande Bretagne, Grèce, Hongrie, Iran, Irlande, Italie, Japon, Luxembourg, Malaisie, Maroc, Mexique, Pays bas, Pérou, Pologne, Portugal, Suède, Suisse, Tunisie, Turquie, Vénézuéla
Manotrox	Mexique
Neoset	Turquie
Ribosetron	Allemagne
Rubrum	Vénézuéla
Suliftop	Pérou
Synarex	Turquie
Tentratec	Mexique
Tigron	Turquie
Travigan	Mexique

Trilemes	Mexique
Vitasetron	Turquie



### Stabilité des solutions

		0,02 & 0,06 mg/ml	23°C	?	35			1633
		0,02 & 0,06 mg/ml	4°C		35			1633
		0,056 mg/ml	-20°C		30			29
		0,056 mg/ml	20°C		3			29
		0,056 mg/ml	4°C		7			29
		0,05 & 0,1 mg/ml	24°C		14			48
		0,05 & 0,1 mg/ml	5°C		14			48
		0,15 mg/ml	-20°C		30			29
		0,15 mg/ml	20°C		3			29
		0,15 mg/ml	4°C		7			29
		1 mg/ml	25°C		15			1676
		1 mg/ml	4°C		15			1676
		0,02 mg/ml	4°C		7			51
		0,02 mg/ml	4°C		14			51



## Stabilité en mélange

		0,5 mg/ml	20°C-23°C		Cyclophosphamide : 1 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Cytarabine : 1 mg/ml	4	
		0,5 mg/ml	20-23°C		Magnesium sulfate : 8 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Doxorubicin hydrochloride : 0,1 mg/ml	2	
		0,5 mg/ml	20°C-23°C		Cisplatine : 0,5 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Diphenhydramine hydrochloride : 0,5 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Dacarbazine : 0,85 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Dexamethasone sodium phosphate : 0,12 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Fluorouracil : 1 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Furosemide : 0,2 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Hydromorphone hydrochloride : 0,25 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Lorazepam : 0,05 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Methotrexate sodium : 6,25 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Morphine sulfate : 0,5 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Carboplatine : 0,5 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Ceftazidime : 8,35 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Cimetidine hydrochloride : 1,5 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Etoposide : 0,2 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Gentamicin sulfate : 0,75 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Ifosfamide : 2 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Chlorméthine hydrochloride : 0,25 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Mesna : 2 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Paclitaxel : 0,145 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Streptozocin : 4,55 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Ticarcilline / clavulanic acid : 13/0,45 mg/ml	4	
		0,5 mg/ml	20°C-23°C		Vincristine sulfate : 0,005 mg/ml	4	
		0,01 mg/ml	2-8°C		Rolapitant : 1,83 mg/ml	48	
		0,01 mg/ml	20-25°C		Rolapitant : 1,83 mg/ml	24	
		0,056 mg/ml	22°C		Methylprednisolone sodium succinate : 2,26 mg/ml	3	
		0,056 mg/ml	22°C		Dexamethasone sodium phosphate : 0,074 >> 0,345 mg/ml	3	

PVC		0,02 & 0,06 mg/ml	23°C	?	Dexamethasone sodium phosphate : 0,08 & 0,20 mg/ml	33		1633
PVC		0,010 - 0,040 mg/ml	23°C-25°C		Dexamethasone sodium phosphate : 0,080 - 0,600 mg/ml	14		27
PVC		0,01 - 0,04 mg/ml	4°C		Dexamethasone sodium phosphate : 0,08 - 0,60 mg/ml	14		27
PVC		0,02 & 0,06 mg/ml	4°C		Dexamethasone sodium phosphate : 0,08 & 0,20 mg/ml	33		1633
PVC		0,056 mg/ml	4°C-22°C	?	Hydromorphone hydrochloride : 0,5 mg/ml	31		6
PVC		0,056 mg/ml	4°C-22°C	?	Hydromorphone hydrochloride : 0,5 mg/ml	31		6
POF		0,06 mg/ml	25°C	?	Tramadol hydrochloride : 10 mg/ml	14		4116
POF		0,06 mg/ml	4°C	?	Tramadol hydrochloride : 10 mg/ml	14		4116
PP		1 mg/ml	25°C	?	Paracetamol : 10 mg/ml	4		3571
PVC		0,150 mg/ml	22°C		Dexamethasone sodium phosphate : 0,2 & 1 mg/ml	5		29
PP		0,15 mg/ml	22°C		Methylprednisolone sodium succinate : 6 mg/ml	3		29
?		0,01 mg/ml	20°C-23°C		Topotecan : 0,028 mg/ml	4		1026



## Facteur influençant la stabilité

				57
--	--	--	--	----























































## Compatibilités

			2335
			182
			182
			182
			182
			3824
			182
			921
			182




















































		Granisetron hydrochloride : 0.05 mg/ml Ampicillin sodium - sulbactam sodium : 20/10 mg/ml		182
		Granisetron hydrochloride : 0.05 mg/ml Amsacrine : 1 mg/ml		182
		Granisetron hydrochloride : 0.05 mg/ml Aztreonam : 40 mg/ml		182
		Granisetron hydrochloride : 0.05 mg/ml Bleomycin sulfate : 1 mg/ml		182
		Granisetron hydrochloride : 0.05 mg/ml Bumetanide : 0.04 mg/ml		182
		Granisetron hydrochloride : 0.05 mg/ml Buprenorphine hydrochloride : 0.04 mg/ml		182
		Granisetron hydrochloride : 0.03 & 0.06 mg/ml Butorphanol tartrate : 0.08 mg/ml		3805
		Granisetron hydrochloride : 0.05 mg/ml Butorphanol tartrate : 0.04 mg/ml		182
		Granisetron hydrochloride : 1 mg/ml Caffeine : 10 mg/ml		3964
		Granisetron hydrochloride : 0.05 mg/ml Calcium gluconate : 40 mg/ml		182
		Granisetron hydrochloride : 1 mg/ml Carboplatin : 1 mg/ml		57
		Granisetron hydrochloride : 0.05 mg/ml Carmustine : 1.5 mg/ml		182
		Granisetron hydrochloride : 0.05 mg/ml Cefazolin sodium : 20 mg/ml		182
		Granisetron hydrochloride : 0.05 mg/ml Cefepime dihydrochloride : 20 mg/ml		182
		Granisetron hydrochloride : 0.05 mg/ml Cefonicid sodium : 20 mg/ml		182
		Granisetron hydrochloride : 0.05 mg/ml Cefoperazone sodium : 40 mg/ml		182
		Granisetron hydrochloride : 0.05 mg/ml Cefotaxime sodium : 20 mg/ml		182
		Granisetron hydrochloride : 0.05 mg/ml Cefoxitin sodium : 20 mg/ml		182
		Granisetron hydrochloride : 0.05 mg/ml Ceftaroline fosamil : 2,22 mg/ml		3249
		Granisetron hydrochloride : 0,05 mg/ml Ceftaroline fosamil : 2,22 mg/ml	RL	3249
		Granisetron hydrochloride : 1 mg/ml Ceftazidime : 16.7 mg/ml		57
		Granisetron hydrochloride : 0.05 mg/ml Ceftizoxime sodium : 20 mg/ml		182
		Granisetron hydrochloride : 0.05 mg/ml Ceftobiprole medocaril sodium : 2 mg/ml	RL	2269
		Granisetron hydrochloride : 0.05 mg/ml Ceftobiprole medocaril sodium : 2 mg/ml		2269
		Granisetron hydrochloride : 0.05 mg/ml Ceftriaxone disodium : 20 mg/ml		182
		Granisetron hydrochloride : 0.05 mg/ml Cefuroxime sodium : 30 mg/ml		182




	Granisetron hydrochloride : 0.05 mg/ml Chlorpromazine hydrochloride : 2 mg/ml		182
	Granisetron hydrochloride : 1 mg/ml Cimetidine hydrochloride : 3 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Ciprofloxacin lactate : 1 mg/ml		182
	Granisetron hydrochloride : 1 mg/ml Cisplatin : 0.05 & 1 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Cladribine : 0.015 mg/ml		1496
	Granisetron hydrochloride : 0.05 mg/ml Cladribine : 0.5 mg/ml		1496
	Granisetron hydrochloride : 0.05 mg/ml Clindamycin phosphate : 10 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Co-trimoxazole : 4/0.8 mg/ml		182
	Granisetron hydrochloride : 1 mg/ml Cyclophosphamide : 2 mg/ml		57
	Granisetron hydrochloride : 1 mg/ml Cytarabine : 2 mg/ml		57
	Granisetron hydrochloride : 1 mg/ml Dacarbazine : 1.7 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Dactinomycin : 10 µg/ml		182
	Granisetron hydrochloride : 0.056 & 0.15 mg/ml Dexamethasone sodium phosphate : 0.074 >> 1 mg/ml		29
	Granisetron hydrochloride : 0.02 mg/ml Dexamethasone sodium phosphate : 0.24 mg/ml		57
	Granisetron hydrochloride : 1 mg/ml Dexamethasone sodium phosphate : 0.24 mg/ml		57
	Granisetron hydrochloride : 0.008 >> 0.053 mg/ml Dexamethasone sodium phosphate : 0.050 >> 0.350 mg/ml		1633
	Granisetron hydrochloride : 0.01 & 0.04 mg/ml Dexamethasone sodium phosphate : 0.08 & 0.6 mg/ml		27
	Granisetron hydrochloride : 0.05 mg/ml Dexmedetomidine : 4 µg/ml		1712
	Granisetron hydrochloride : 0.05 mg/ml		301
	Granisetron hydrochloride : 1 mg/ml Diphenhydramine hydrochloride : 1 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Diphenhydramine hydrochloride : 2 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Dobutamine hydrochloride : 4 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Dopamine hydrochloride : 3.2 mg/ml		182
	Granisetron hydrochloride : 1 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Docetaxel : 0.9 mg/ml		1754
	Granisetron hydrochloride : 0.05 mg/ml Doripenem : 5 mg/ml		2262
	Granisetron hydrochloride : 1 mg/ml Doxorubicin hydrochloride : 0.2 mg/ml		57

	Granisetron hydrochloride : 0.05 mg/ml Doxorubicin hydrochloride liposome peg : 0.4 mg/ml		251
	Granisetron hydrochloride : 0.05 mg/ml Doxycycline hyclate : 1 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Droperidol : 0.4 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Enalaprilate : 0.1 mg/ml		182
	Granisetron hydrochloride : 1 mg/ml Etoposide : 0.4 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Etoposide : 0.4 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Etoposide phosphate : 5 mg/ml		1410
	Granisetron hydrochloride : 0.05 mg/ml Famotidine : 2 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Fenoldopam mesylate : 80 µg/ml		1803
	Granisetron hydrochloride : 0.05 mg/ml Filgrastim : 30 µg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Floxuridine : 3 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Fluconazole : 2 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Fludarabine phosphate : 1 mg/ml		182
	Granisetron hydrochloride : 1 mg/ml Fluorouracil : 2 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Fluorouracil : 16 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Fluorouracil : 16 mg/ml		49
	Granisetron hydrochloride : 0.05 mg/ml Folate calcium : 2 mg/ml		182
	Granisetron hydrochloride : 0,026 mg/ml Fosaprepitant dimeglumine : 1 mg/ml		3459
	Granisetron hydrochloride : 0.05 mg/ml Furosemide : 3 mg/ml		49
	Granisetron hydrochloride : 1 mg/ml Furosemide : 0.4 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Gallium nitrate : 0.4 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Gemcitabine hydrochloride : 10 mg/ml		1423
	Granisetron hydrochloride : 0.05 mg/ml Haloperidol lactate : 0.2 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Heparin sodium : 100 UI/ml		182
	Granisetron hydrochloride : 0.056 mg/ml Hydromorphone hydrochloride : 0.5 mg/ml		6
	Granisetron hydrochloride : 0.05 mg/ml Hydromorphone hydrochloride : 0.5 mg/ml		182

	Granisetron hydrochloride : 0.05 mg/ml Hydroxyzine dihydrochloride : 2 mg/ml		182
	Granisetron hydrochloride : 1 mg/ml	RL	4603
	Granisetron hydrochloride : 0.05 mg/ml Hydrocortisone sodium succinate : 1 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml		1415
	Granisetron hydrochloride : 0.05 mg/ml Ganciclovir sodium : 20 mg/ml		182
	Granisetron hydrochloride : 1 mg/ml Gentamicin sulfate : 1.5 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Hetastarch : 60 mg/ml		1721
	Granisetron hydrochloride : 1 mg/ml Hydromorphone hydrochloride : 0.5 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Idarubicin hydrochloride : 0.5 mg/ml		182
	Granisetron hydrochloride : 1 mg/ml Ifosfamide : 4 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Imipenem - cilastatin sodium : 10 mg/ml		182
			1625
	Granisetron hydrochloride : 0.05 mg/ml Lansoprazole : 0.55 mg/ml		1625
	Granisetron hydrochloride : 0.05 mg/ml Linezolid : 2 mg/ml		1925
	Granisetron hydrochloride : 1 mg/ml Lorazepam : 0.1 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Lorazepam : 0.1 mg/ml		182
	Granisetron hydrochloride : 0.06 mg/ml Lornoxicam : 0,4 mg/ml		4429
	Granisetron hydrochloride : 0.05 mg/ml Magnesium sulfate : 100 mg/ml		182
	Granisetron hydrochloride : 1 mg/ml Magnesium sulfate : 16 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Melphalan : 0.1 mg/ml		182
	Granisetron hydrochloride : 1 mg/ml Meropenem : 50 mg/ml		4319
	Granisetron hydrochloride : 1 mg/ml Mesna : 4 mg/ml		57
	Granisetron hydrochloride : 1 mg/ml Methotrexate sodium : 12.5 mg/ml		57
	Granisetron hydrochloride : 0.056 & 0.15 mg/ml Methylprednisolone sodium succinate : 2.26 & 6 mg/ml		29
	Granisetron hydrochloride : 0.05 mg/ml Methylprednisolone sodium succinate : 5 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Metoclopramide hydrochloride : 5 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Metronidazole : 5 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Minocycline hydrochloride : 0.2 mg/ml		182



	Granisetron hydrochloride : 0.05 mg/ml Mitomycin : 0.5 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Mitoxantrone dihydrochloride : 0.5 mg/ml		182
	Granisetron hydrochloride : 1 mg/ml Morphine sulfate : 1 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Morphine sulfate : 1 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Nalbuphine hydrochloride : 10 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Netilmicin sulfate : 5 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Ofloxacin : 4 mg/ml		182
	Granisetron hydrochloride : 0,05 mg/ml Oxaliplatin : 0,5 mg/ml		1662
	Granisetron hydrochloride : 1 mg/ml Paclitaxel : 0.29 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Paclitaxel : 1.2 mg/ml		182
	Granisetron hydrochloride Paclitaxel albumin : 5 mg/ml		4310
	Granisetron hydrochloride : 1 mg/ml Paracetamol : 10 mg/ml		3571
	Granisetron hydrochloride : 1 mg/ml Paracetamol : 10 mg/ml		4742
	Granisetron hydrochloride : 0.05 mg/ml Pemetrexed disodium : 20 mg/ml		1953
	Granisetron hydrochloride : 0.05 mg/ml Pethidine hydrochloride : 4 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Piperacillin sodium : 40 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Piperacillin sodium / tazobactam : 40/5 mg/ml		182
	Granisetron hydrochloride : 1 mg/ml Potassium chloride : 40 mEq/l		57
	Granisetron hydrochloride : 0.05 mg/ml Prochlorperazine edysilate : 0.5 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Promethazine hydrochloride : 2 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Propofol : 10 mg/ml		300
	Granisetron hydrochloride : 0.05 mg/ml Ranitidine hydrochloride : 2 mg/ml		182
	Granisetron hydrochloride : 0.01 mg/ml Rolapitant : 1.8 mg/ml		4061
	Granisetron hydrochloride : 0.05 mg/ml Sargramostim : 10 µg/ml		182
	Granisetron hydrochloride : 1 mg/ml Sodium bicarbonate : 28.056 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Sodium bicarbonate : 84 mg/ml		182

	Granisetron hydrochloride : 0,05 mg/ml Sodium bicarbonate : 84 mg/ml		49
	Granisetron hydrochloride : 1 mg/ml Streptozocin : 9.1 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Teniposide : 0.1 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Thiotepa : 1 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Thiotepa : 1 mg/ml		249
	Granisetron hydrochloride : 0.05 mg/ml Ticarcillin / clavulanic acid : 31 mg/ml		182
	Granisetron hydrochloride : 1 mg/ml Ticarcillin / clavulanic acid : 26/0.89 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Tobramycin sulfate : 5 mg/ml		182
	Granisetron hydrochloride : 0.02 mg/ml Topotecan : 0.056 mg/ml		1026
	Granisetron hydrochloride : 0.06 mg/ml Tramadol hydrochloride : 10 mg/ml		4116
	Granisetron hydrochloride : 0.05 mg/ml Vancomycin hydrochloride : 10 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Vinblastine sulfate : 0.12 mg/ml		182
	Granisetron hydrochloride : 1 mg/ml Vincristine sulfate : 0.01 & 0.34 mg/ml		57
	Granisetron hydrochloride : 0.05 mg/ml Vinorelbine tartrate : 1 mg/ml		182
	Granisetron hydrochloride : 0.05 mg/ml Zidovudine : 4 mg/ml		182



## Voie d'administration



## Bibliographie

	Type	Source
6	Revue	Trissel LA, Xu QA, Martinez JF, Fox JL. Compatibility and stability of ondansetron hydrochloride with morphine sulfate and with hydromorphone hydrochloride in 0.9% sodium chloride injection at 4, 22 and 32°C. Am J Hosp Pharm 1994 ; 51: 2138-2142.
27	Revue	Chin A, Moon YSK, Chung KC, Gill MA. Stability of granisetron hydrochloride with dexamethasone sodium phosphate for 14 days. Am J Health-Syst Pharm 1996 ; 53: 1174-1176.
29	Revue	Pinguet F, Rouanet P, Martel P, Fabbro M, Salabert D, Astre C. Compatibility and stability of granisetron, dexamethasone, and methylprednisolone in injectable solutions. J Pharm Sci 1995 ; 84: 267-268.

48	Revue	Quercia RA, Zhang J, Fau C, Chow MSS. Stability of granisetron hydrochloride in polypropylene syringes. Am J Health-Syst Pharm 1996 ; 53: 2744-2746.
49	Revue	Trissel LA, Martinez JF. Compatibility of granisetron hydrochloride with selected alkaline drugs. Am J Health-Syst Pharm 1995 ; 52: 208.
51	Revue	Chung KC, Chin A, Gill MA. Stability of granisetron hydrochloride in a disposable elastomeric infusion device. Am J Health-Syst Pharm 1995 ; 52: 1541-1543.
57	Revue	Mayron D, Gennaro AR. Stability and compatibility of granisetron hydrochloride in IV solutions and oral liquids and during simulated Y-site injection with selected drugs. Am J Health-Syst Pharm 1996 ; 53: 294-304.
182	Revue	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.
249	Revue	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	Revue	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.
300	Revue	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	Revue	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.
921	Revue	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.
1026	Revue	Mayron D, Gennaro AR. Stability and compatibility of topotecan hydrochloride with selected drugs. Am J Health-Syst Pharm 1999 ; 56: 875-881.
1410	Revue	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	Revue	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	Revue	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.
1496	Revue	Trissel LA, Martinez JF, Gilbert DL. Screening cladribine for Y-site physical compatibility with selected drugs. Hosp Pharm 1996 ; 31: 1425-1428.
1625	Revue	Trissel LA, Saenz C, Williams YW, Ingram D. Incompatibilities of lansoprazole injection with other drugs during simulated Y-site coadministration. Int J Pharm Compound 2001 ; 5: 314-321.

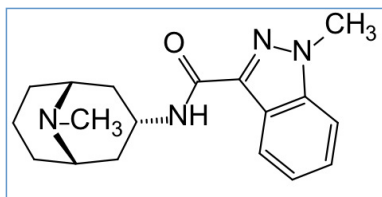
1633	Revue	Walker SE, Law S. Stability and compatibility of granisetron alone and in combination with dexamethasone in 0.9% sodium chloride and 5% dextrose in water solutions. Can J Hosp Pharm 2002 ; 55: 27-38.
1662	Revue	Trissel LA, Saenz CA, Ingram DS, Ogundele AB. Compatibility screening of oxaliplatin during simulated Y-site administration with other drugs. J Oncol Pharm Practice 2002 ; 8: 33-37.
1676	Revue	Hourcade F, Sautou-Miranda V, Normand B, Laugier M, Picq F, Chopineau J. Compatibility of granisetron towards glass and plastics and its stability under various storage conditions. Int J Pharm 1997 ; 154: 95-102.
1712	Revue	Trissel LA, Saenz CA. Compatibility screening of Precedex during simulated Y-site administration with other drugs. Int J Pharm Compound 2002 ; 6: 230-233.
1721	Revue	Trissel LA, Williams KY, Baker MB. Compatibility screening of Hextend during simulated Y-site administration with other drugs. Int J Pharm Compound 2001 ; 5: 69-72.
1754	Revue	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.
1803	Revue	Trissel, LA, Saenz CA, Ogundele OB, Ingram D, Baker MB. Compatibility of fenoldopam mesylate with other drugs during simulated Y-site administration. Am J Health-Syst Pharm 2003 ; 60: 80-85.
1925	Revue	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.
1953	Revue	Trissel LA, Saenz CA, Ogundele AB, Ingram DS. Physical compatibility of pemetrexed disodium with other drugs during simulated Y-site administration. Am J Health-Syst Pharm 2004 ; 61: 2289-2293.
2262	Revue	Brammer MK, Chan P, Heatherly K, Trusley C, Kupiec TC, Trissel LA, Psathas PA, Gilmor T, Schaufelberger D. Compatibility of doripenem with other drugs during simulated Y-site administration Am J Health-Syst Pharm 2008 ; 65: 1261-1265.
2269	Revue	Chan P, Bishop A, Kupiec TC, Trissel LA, Gole D, Jimidar IM, Vermeersch H. Compatibility of ceftobiprole medocaril with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 2008 ; 65, 16: 1545-1551.
2335	Revue	Canann D, Tyler L.S, Barker B, Condie C. Visual compatibility of i.v. medications routinely used in bone marrow transplant recipients Am J Health-Syst Pharm 2009 ; 66, 8: 727-729
3249	Revue	Singh BM, Dedhiya MG, Dinunzio J, Chan P, Kupiec TC, Trissel LA, Laudano JB. Compatibility of ceftaroline fosamil for injection with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 2011 ; 68: 2163-2169.
3459	Revue	Sun S, Schaller J, Placek J, Duersch B. Compatibility of intravenous fosaprepitant with intravenous 5-HT3 antagonists and corticosteroids. Cancer Chemother Pharmacol 2013 ; 72: 509-513.
3571	Revue	Anderson C, Boehme S, Ouellette J, Stidham C, MacKay M. Physical and Chemical Compatibility of Injectable Acetaminophen During Simulated Y-Site Administration. Hosp Pharm 2014 ; 49, 1: 42-47.
3805	Revue	Chen F.C, Xiong H, Liu H.M, Fang B.X, Li P. Compatibility of butorphanol with granisetron in 0.9% sodium chloride injection packaged in glass bottles or polyolefin bags. Am J Health-Syst Pharm 2015 ; 72:1374-1378.

3824	Revue	Boudi S, Roy H, Forest JM, Leclair G. Compatibilité physique de l'association amoxicilline-acide clavulanique en injection avec plusieurs autres médicaments lors d'une administration en Y. Pharmactuel 2023 2023;56,3:91-98
3964	Revue	Audet M.A, Forest E, Friciu M, Forest J.M, Leclair G. Compatibilité du citrate de caféine injectable avec plusieurs autres médicaments. Pharmactuel 2017 ; 50,1 : 27-33.
4061	Revue	Wu George, Powers Dan, Yeung S, Chen F, Neelon K. Compatibility and stability of VARUBI (Rolapitant) injectable emulsion admixed with intravenous granisetron hydrochloride. Int J Pharm Compound 2018 ; 22,1 :86-94
4116	Revue	Chen F, Zhu J, Li B, Yuan F, Wang K. Stability of tramadol with three 5-HT3 receptor antagonists in polyolefin bags for patient-controlled delivery systems. Drug Design Dev Ther 2016 ;10:1869-1875
4310	Revue	Mizuta N, Nakagawa T, Yamamoto K, Nishioka T, Kume M, Makimoto H, Yano I, Minami H, Hiral M. Compatibility and Stability of Nab-Paclitaxel in Combination with Other Drugs. Kaohsiung J Med Sci 2017 ; 63, 1: E9-E16.
4319	Revue	Lessard J-J, Caron E, Schérer H, Forest J-M, Leclair G. Compatibility of Y-site Injection of Meropenem Trihydrate With 101 Other Injectable Drugs. Hosp Pharm 2020 ; 55, 5: 332-337.
4429	Revue	Fang B-X, Li P, Shi X-Y, Chen F.C, Wang L.H. Incompatibilities of lornoxicam with 4 antiemetic medications in polyolefin bags during simulated intravenous administration. Medicine 2016 ; 95:25(e3824)
4603	Revue	Vallée M, Barthélémy I, Friciu M, Pelletier E, Forest J.M, Benoit F, Leclair G. Compatibility of Lactated Ringer's Injection With 94 Selected Intravenous Drugs During Simulated Y-site Administration. Hosp Pharm 2021 ; 56, 4: 228-234.
4742	Revue	Macoviciuc M, Nguyen C, Forest J-M, Leclair G. Compatibilité physique de l'acétaminophène injectable avec 102 autres médicaments lors d'une administration en Y. Pharmactuel 2022 ; 55, 4: 247-255.

# Stabilis



## Granisetron hydrochloride



### Stabilité des préparations

		12 mg Kytril®	Eau distillée 30 ml Sirop de cerise >> 60 ml	24°C		14		2429
		12mg Kytril 1 mg®	Eau distillée >>30ml Sirop de cerise >>60ml	25°C		14		2427
		4mg Kytril 1mg®	Orasweet® 40ml OraPlus® 40ml	25°C		91		2423
		4mg Kytril 1mg®	Methylcellulose 800mg Sirop simple >>80ml	25°C		91		2423
		4mg Kytril 1mg®	Orasweet® 40ml OraPlus® 40ml	4°C		91		2423
		4mg Kytril 1mg®	Methylcellulose 800mg Sirop simple >>80ml	4°C		91		2423
		12mg Kytril 1 mg®	Eau distillée >>30ml Sirop de cerise >>60ml	5°C		14		2427
		12 mg Kytril®	Eau distillée 30 ml Sirop de cerise >> 60 ml	5°C		14		2429



### Bibliographie

	Type	Source
2423	Revue	Nahata MC, Morosco RS, Hipple TF. Stability of granisetron hydrochloride in two oral suspensions Am J Health-Syst Pharm 1998 ; 55: 2511-2513.
2427	Revue	Quercia RA, Zhang J, Fan C, Chow MS. Stability of granisetron hydrochloride in an extemporaneously prepared oral liquid Am J Health-Syst Pharm 1997 ; 54: 1404-1406.

2429	Revue	Quercia RA, Zhang J, Fan C, Chow MS. Stability of granisetron hydrochloride in an extemporaneously prepared oral liquid Am J Health-Syst Pharm 1997 ; 54: 1404-1406.
------	-------	--



# Dictionnaire

 Antiémétique	 Injectable
 Noms commerciaux	 Stabilité des solutions
 Contenant	 Molécule
 Concentration	 Température
 Conservation	 Durée de stabilité
 Biosimilaire	 Données conflictuelles
 Bibliographie	 Polyvinyl chlorure
 NaCl 0,9% ou glucose 5%	 Non précisée
 Jour	 A l'abri de la lumière
 Seringue polypropylène	 Aucun
 Avec ou sans lumière	 Elastomère en polyisoprène
 Chlorure de sodium 0,9%	 Glucose 5%
 Stabilité en mélange	 Solvant
 Molécule	 Verre
 Eau pour préparation injectable	 Lumière
 Heure	 Polyoléfine
 Non précisé	 Facteur influençant la stabilité
 NaHCO <sub>3</sub>	 Provoque
 Dégradation	 Compatibilités
 Précipitation immédiate	 Incompatible
 Compatible	 Turbidité immédiate
 Précipitation en 24 heures	<b>RL</b> Ringer lactate
 NaCl 0,9% + bactériostatique	 Nutrition parentérale (mélange binaire)
 Incompatibilité subvisuelle	 Nutrition parentérale (mélange ternaire)
 Solvant spécifique	 Voie d'administration
 Intraveineuse	 Perfusion intraveineuse
 Sous cutanée	 Bibliographie
 Solution buvable	 Stabilité des préparations
 Origine	 Excipient
 Flacon plastique	 Comprimés



