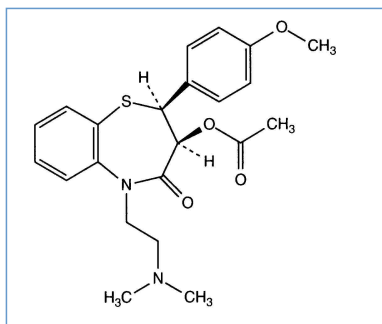


Stabilis



Diltiazem hydrochloride



Noms commerciaux

Alcalix	Argentine
Altiazem	Italie
Angizem	Italie
Balcor	Brésil
Cardizem	Etats Unis d'Amérique
Cirilen	Equateur
Diltiazem	Canada, Equateur, Etats Unis d'Amérique
Diltizem	Turquie
Dilzem	Allemagne, Autriche, Hongrie, Inde, Pologne, Suisse
Dilzene	Italie
Herbesser	Japon, Malaisie
Masdil	Espagne
Tildiem	France, Grèce, Italie, Luxembourg, Pays bas



Stabilité des solutions

PVC		1 mg/ml	21°C		48			1462
PE		0,05 mg/ml	22°C		24			1067
PE		0,05 mg/ml	4°C		24			1067
PE		1 mg/ml	21°C		48			1462
POF		1 mg/ml	-20°C		30			3409
POF		1 mg/ml	2-8°C		30			3409
POF		1 mg/ml	22-25°C		30			3409



Stabilité en mélange

		0,5 mg/ml	22°C-23°C		Milrinone lactate : 0,2 mg/ml	4	
							813



Facteur influençant la stabilité

				1851
				198



Compatibilités

		Diltiazem hydrochloride : 5 mg/ml Acetazolamide : 100 mg/ml	
		Diltiazem hydrochloride : 1 mg/ml Acetazolamide : 100 mg/ml	
		Diltiazem hydrochloride : 1 mg/ml Aciclovir sodium : 5 & 7 mg/ml	
		Diltiazem hydrochloride Aciclovir sodium	3595
		Diltiazem hydrochloride : 5 mg/ml Aciclovir sodium : 5 mg/ml	
		Diltiazem hydrochloride : 5 mg/ml Aciclovir sodium : 7 mg/ml	
		Diltiazem hydrochloride : 5 mg/ml Amikacin sulfate : 5 & 250 mg/ml	
		Diltiazem hydrochloride : 5 mg/ml Aminophylline : 25 mg/ml	
		Diltiazem hydrochloride : 1 mg/ml Aminophylline : 25 mg/ml	
		Diltiazem hydrochloride : 5 mg/ml Aminophylline : 2 mg/ml	
		Diltiazem hydrochloride : 1 mg/ml Amphotericin B : 0.1 mg/ml	
		Diltiazem hydrochloride : 5 mg/ml Ampicillin sodium : 100 mg/ml	
		Diltiazem hydrochloride : 1 mg/ml Ampicillin sodium : 100 mg/ml	
		Diltiazem hydrochloride : 5 mg/ml Ampicillin sodium : 10 & 20 mg/ml	
		Diltiazem hydrochloride : 1 mg/ml Ampicillin sodium - sulbactam sodium : 45 mg/ml	
		Diltiazem hydrochloride : 5 mg/ml Ampicillin sodium - sulbactam sodium : 2 & 15 mg/ml	

		Diltiazem hydrochloride : 5 mg/ml Ampicillin sodium - sulbactam sodium : 45 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Argatroban : 1 mg/ml		1964
		Diltiazem hydrochloride : 1 mg/ml Argatroban : 1 mg/ml		3764
		Diltiazem hydrochloride : 1 mg/ml Aztreonam : 333 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Aztreonam : 20 & 333 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Bivalirudin : 5 mg/ml		1713
		Diltiazem hydrochloride : 5 mg/ml Bivalirudin : 5 mg/ml		1944
		Diltiazem hydrochloride : 5 mg/ml Bretylum tosilate : 10 & 50 mg/ml		198
		Diltiazem hydrochloride : 1 mg/ml Bretylum tosilate : 50 mg/ml		198
		Diltiazem hydrochloride : 1 & 5 mg/ml Bumetanide : 0.25 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Caspofungin acetate : 0,7 mg/ml		2247
		Diltiazem hydrochloride : 5 mg/ml Cefamandole nafate : 10 >> 200 mg/ml		198
		Diltiazem hydrochloride : 1 mg/ml Cefamandole nafate : 10 >> 200 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Cefazolin sodium : 20 & 200 mg/ml		198
		Diltiazem hydrochloride : 1 mg/ml Cefazolin sodium : 200 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Cefiderocol sulfate tosylate : 20 mg/mL		4528
		Diltiazem hydrochloride : 1 & 5 mg/ml Cefoperazone sodium : 2 & 5 mg/ml		198
		Diltiazem hydrochloride : 1 mg/ml Cefoperazone sodium : 10 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Cefoperazone sodium : 10 >> 50 mg/ml		198
		Diltiazem hydrochloride : 1 mg/ml Cefoperazone sodium : 20 >> 50 mg/ml		198
		Diltiazem hydrochloride : 1 & 5 mg/ml Cefotaxime sodium : 10 & 180 mg/ml		198
		Diltiazem hydrochloride : 1 & 5 mg/ml Cefoxitin sodium : 200 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Cefoxitin sodium : 10 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Ceftaroline fosamil : 2,22 mg/ml		3249
		Diltiazem hydrochloride : 5 mg/ml Ceftaroline fosamil : 2,22 mg/ml	RL	3249
		Diltiazem hydrochloride : 5 mg/ml Ceftazidime : 10 mg/ml		198

		Diltiazem hydrochloride : 1 & 5 mg/ml Ceftazidime : 170 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Ceftobiprole medocaryl sodium : 2 mg/ml	RL	2269
		Diltiazem hydrochloride Ceftobiprole medocaryl sodium		4650
		Diltiazem hydrochloride : 5 mg/ml Ceftobiprole medocaryl sodium : 2 mg/ml		2269
		Diltiazem hydrochloride : 5 mg/ml Ceftolozane / tazobactam : 10/5 mg/ml		3828
		Diltiazem hydrochloride : 5 mg/ml Ceftriaxone disodium : 40 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Cefuroxime sodium : 15 mg/ml		198
		Diltiazem hydrochloride : 1 & 5 mg/ml Cefuroxime sodium : 100 mg/ml		198
		Diltiazem hydrochloride : 1 & 5 mg/ml Cimetidine hydrochloride : 150 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Cimetidine hydrochloride : 6 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Ciprofloxacin lactate : 2 & 10 mg/ml		198
		Diltiazem hydrochloride : 1 mg/ml Cisatracurium besylate : 1 mg/ml		3429
		Diltiazem hydrochloride : 5 mg/ml Clindamycin phosphate : 12 & 150 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Co-trimoxazole : 0.21 & 0.63 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Dexmedetomidine : 4 µg/ml		1712
		Diltiazem hydrochloride : 1 & 5 mg/ml Diazepam : 5 mg/ml		198
		Diltiazem hydrochloride : 1 & 5 mg/ml Digoxin : 500 µg/ml		198
		Diltiazem hydrochloride : 1 mg/ml Dobutamine hydrochloride : 4 mg/ml		314
		Diltiazem hydrochloride : 1 mg/ml Dobutamine hydrochloride : 2 mg/ml		524
		Diltiazem hydrochloride : 1 & 5 mg/ml Dobutamine hydrochloride : 1 mg/ml		198
		Diltiazem hydrochloride : 1 mg/ml Dopamine hydrochloride : 1,6 mg/ml		524
		Diltiazem hydrochloride : 1 & 5 mg/ml Dopamine hydrochloride : 0.8 mg/ml		198
		Diltiazem hydrochloride : 1 mg/ml Dopamine hydrochloride : 3.2 mg/ml		314
		Diltiazem hydrochloride : 5 mg/ml Doripenem : 5 mg/ml		2262
		Diltiazem hydrochloride : 5 mg/ml Doxycycline hyclate : 1 & 10 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Epinephrine hydrochloride : 4 µg/ml		198

	Diltiazem hydrochloride : 1 mg/ml Epinephrine hydrochloride : 20 µg/ml		314
	Diltiazem hydrochloride : 1 & 5 mg/ml Epinephrine hydrochloride : 50 µg/ml		198
	Diltiazem hydrochloride : 5 mg/ml Eravacycline : 0,6 mg/ml		4434
	Diltiazem hydrochloride : 5 mg/ml Erythromycin lactobionate : 5 & 50 mg/ml		198
	Diltiazem hydrochloride : 1 mg/ml Esmolol hydrochloride : 10 mg/ml		524
	Diltiazem hydrochloride : 5 mg/ml Fenoldopam mesylate : 80 µg/ml		1803
	Diltiazem hydrochloride : 1 mg/ml Fentanyl citrate : 50 µg/ml		314
	Diltiazem hydrochloride : 5 mg/ml Fluconazole : 2 mg/ml		198
	Diltiazem hydrochloride : 5 mg/ml Fosfomicin : 30 mg/ml	 	4055
			3210
			314
			198
	Diltiazem hydrochloride : 5 mg/ml Gentamicin sulfate : 2.4 & 40 mg/ml		198
	Diltiazem hydrochloride : 1 & 5 mg/ml Heparin sodium : 80 >> 10000 UI/ml		198
			198
	Diltiazem hydrochloride : 1 mg/ml Heparin sodium : 100 UI/ml		314
	Diltiazem hydrochloride : 1 mg/ml Heparin sodium : 20000 UI/ml		198
	Diltiazem hydrochloride : 1 mg/ml Heparin sodium : 100 UI/ml		4556
			4556
	Diltiazem hydrochloride : 5 mg/ml Hetastarch : 60 mg/ml		198
	Diltiazem hydrochloride : 5 mg/ml Hetastarch : 60 mg/ml		1721
	Diltiazem hydrochloride : 5 mg/ml Human albumin : 50 mg/ml		198
	Diltiazem hydrochloride : 5 mg/ml Human albumin : 250 mg/ml		198
			198
	Diltiazem hydrochloride : 5 mg/ml Hydrocortisone sodium succinate : 1 & 2 mg/ml		198
	Diltiazem hydrochloride : 1 mg/ml Hydrocortisone sodium succinate : 50 & 125 mg/ml		198

		Diltiazem hydrochloride : 1 mg/ml Hydromorphone hydrochloride : 1 mg/ml		314
		Diltiazem hydrochloride : 5 mg/ml Imipenem - cilastatin sodium : 5 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Imipenem-Cilastatin / Relebactam : 5 mg/ml	 	4433
		Diltiazem hydrochloride : 1 & 5 mg/ml Insulin : 100 UI/ml		198
		Diltiazem hydrochloride : 5 mg/ml Insulin : 0.4 UI/ml		198
		Diltiazem hydrochloride : 1 mg/ml Insulin aspart : 1 UI/ml	 	1508
		Diltiazem hydrochloride : 5 mg/ml Isavuconazonium sulfate : 1.5 mg/ml	 	3829
		Diltiazem hydrochloride : 1 mg/ml Labetalol hydrochloride : 2 mg/ml		314
		Diltiazem hydrochloride : 5 mg/ml Lansoprazole : 0.55 mg/ml		1625
		Diltiazem hydrochloride : 5 mg/ml Lidocaine hydrochloride : 4 & 8 mg/ml		198
		Diltiazem hydrochloride : 1 & 5 mg/ml Lidocaine hydrochloride : 10 mg/ml		198
		Diltiazem hydrochloride : 1 mg/ml Lidocaine hydrochloride : 8 mg/ml		524
		Diltiazem hydrochloride : 5 mg/ml Lorazepam : 4 mg/ml		198
		Diltiazem hydrochloride : 1 mg/ml Lorazepam : 2 mg/ml		198
		Diltiazem hydrochloride : 1 mg/ml Lorazepam : 0.5 mg/ml		314
		Diltiazem hydrochloride : 1 mg/ml Methylprednisolone sodium succinate : 2.5 >> 62.5 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Methylprednisolone sodium succinate : 2.5 >> 62.5 mg/ml		198
		Diltiazem hydrochloride : 1 & 5 mg/ml Metoclopramide hydrochloride : 5 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Metoclopramide hydrochloride : 0.2 mg/ml		198
		Diltiazem hydrochloride : 1 mg/ml Metoprolol tartrate : 1 mg/ml		2346
		Diltiazem hydrochloride : 5 mg/ml Metronidazole : 5 & 8 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Micafungin : 1.5 mg/ml		2108
		Diltiazem hydrochloride : 1 mg/ml Midazolam hydrochloride : 2 mg/ml		314
		Diltiazem hydrochloride : 2 mg/ml Milrinone lactate : 0.8 mg/ml		813
		Diltiazem hydrochloride : 1 mg/ml Milrinone lactate : 0.2 mg/ml		314
		Diltiazem hydrochloride : 1 mg/ml Morphine sulfate : 2 mg/ml		314

	Diltiazem hydrochloride : 5 mg/ml Morphine sulfate : 0.4 mg/ml		198	
	Diltiazem hydrochloride : 1 & 5 mg/ml Morphine sulfate : 15 mg/ml		198	
	Diltiazem hydrochloride : 1 mg/ml Nafcillin sodium : 10 & 200 mg/ml		198	
		Diltiazem hydrochloride : 5 mg/ml Nafcillin sodium : 10 & 200 mg/ml		198
	Diltiazem hydrochloride : 1 mg/ml Nicardipine hydrochloride : 1 mg/ml		314	
	Diltiazem hydrochloride : 1 & 5 mg/ml Nitroglycerin : 0.4 mg/ml		198	
	Diltiazem hydrochloride : 1 mg/ml Nitroglycerin : 0,032 mg/ml		524	
	Diltiazem hydrochloride : 1 mg/ml Nitroglycerin : 0.4 mg/ml		314	
	Diltiazem hydrochloride : 1 & 5 mg/ml Nitroprusside sodium : 0.2 mg/ml		198	
	Diltiazem hydrochloride : 1 mg/ml Norepinephrine bitartrate : 0,12 mg/ml		524	
	Diltiazem hydrochloride : 1 mg/ml Norepinephrine bitartrate : 0.128 mg/ml		314	
	Diltiazem hydrochloride : 5 mg/ml Oxacillin sodium : 10 mg/ml		198	
	Diltiazem hydrochloride : 1 & 5 mg/ml Oxacillin sodium : 100 mg/ml		198	
	Diltiazem hydrochloride : 1 & 5 mg/ml Penicillin G potassium : 1 MUI/ml		198	
	Diltiazem hydrochloride : 5 mg/ml Penicillin G potassium : 0.1 MUI/ml		198	
	Diltiazem hydrochloride : 5 mg/ml Pentamidine isetionate : 6 & 30 mg/ml		198	
	Diltiazem hydrochloride : 5 mg/ml Pethidine hydrochloride : 10 mg/ml		198	
	Diltiazem hydrochloride : 1 & 5 mg/ml Pethidine hydrochloride : 100 mg/ml		198	
		Diltiazem hydrochloride : 1 & 5 mg/ml Phenytoin sodium : 50 mg/ml		198
	Diltiazem hydrochloride : 1 & 5 mg/ml Piperacillin sodium : 200 mg/ml		198	
	Diltiazem hydrochloride : 5 mg/ml Piperacillin sodium : 20 mg/ml		198	
	Diltiazem hydrochloride : 5 mg/ml Plazomicin sulfate : 24 mg/ml		4145	
	Diltiazem hydrochloride : 5 mg/ml Potassium chloride : 2000 mEq/l		198	
	Diltiazem hydrochloride : 1 & 5 mg/ml Potassium chloride : 80 mEq/l		198	
	Diltiazem hydrochloride : 5 mg/ml Potassium phosphate : 0.015 mmol/ml		198	
		Diltiazem hydrochloride : 5 mg/ml Procainamide hydrochloride : 500 mg/ml		198

	Diltiazem hydrochloride : 1 & 5 mg/ml Procainamide hydrochloride : 50 mg/ml		198	
	Diltiazem hydrochloride : 5 mg/ml Procainamide hydrochloride : 2 mg/ml		198	
	Diltiazem hydrochloride : 1 mg/ml Ranitidine hydrochloride : 1 mg/ml		314	
	Diltiazem hydrochloride : 5 mg/ml Ranitidine hydrochloride : 0.5 & 1 mg/ml		198	
	Diltiazem hydrochloride : 1 & 5 mg/ml Ranitidine hydrochloride : 25 mg/ml		198	
		Diltiazem hydrochloride : 1 & 5 mg/ml Rifampicin : 6 mg/ml		198
		Diltiazem hydrochloride : 5 mg/ml Sodium bicarbonate : 84 mg/ml		198
	Diltiazem hydrochloride : 1 mg/ml Sodium bicarbonate : 84 mg/ml		198	
	Diltiazem hydrochloride : 5 mg/ml Sulbactam/durlobactam : 15/15 mg/ml		4801	
	Diltiazem hydrochloride : 5 mg/ml Tedizolid phosphate : 0.8 mg/ml		3827	
	Diltiazem hydrochloride : 5 mg/ml Telavancin hydrochloride : 7.5 mg/ml		3254	
	Diltiazem hydrochloride : 5 mg/ml Telavancin hydrochloride : 7.5 mg/ml	RL	3254	
	Diltiazem hydrochloride : 5 mg/ml Theophylline : 0.8 mg/ml		198	
		Diltiazem hydrochloride : 1 mg/ml Thiopental sodium : 25 mg/ml		314
	Diltiazem hydrochloride : 1 & 5 mg/ml Ticarcillin / clavulanic acid : 200 mg/ml		198	
	Diltiazem hydrochloride : 5 mg/ml Ticarcillin / clavulanic acid : 10 mg/ml		198	
	Diltiazem hydrochloride : 5 mg/ml Tobramycin sulfate : 2.4 & 40 mg/ml		198	
	Diltiazem hydrochloride : 5 mg/ml Vancomycin hydrochloride : 5 & 50 mg/ml		198	
	Diltiazem hydrochloride : 1 mg/ml Vasopressin : 2 & 4 UI/ml		1801	
	Diltiazem hydrochloride : 1 mg/ml Vecuronium bromide : 1 mg/ml		314	



Voie d'administration





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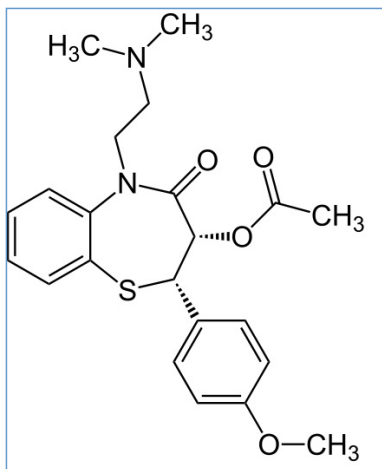
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Stabilis



Diltiazem hydrochloride



Stabilité des préparations

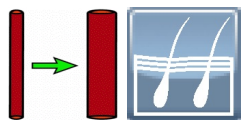
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	1800 mg ® = ? (Fagron)	SyrSpend SF PH4® >> 150 ml	20-25°C		90			3857
	1440 mg ?	OraPlus® / OraSweet® (1:1) >> 120 ml	25°C		60			2433
	1440 mg ?	OraPlus® / OraSweet SF® (1:1) >> 120 ml	25°C		60			2433
	1440 mg ?	Sirop de cerise >> 120 ml	25°C		60			2433
	1440 mg ?	OraPlus® / OraSweet® (1:1) >> 120 ml	4°C		60			2433
	1440 mg ?	OraPlus® / OraSweet SF® (1:1) >> 120 ml	4°C		60			2433
	1440 mg ?	Sirop de cerise >> 120 ml	4°C		60			2433



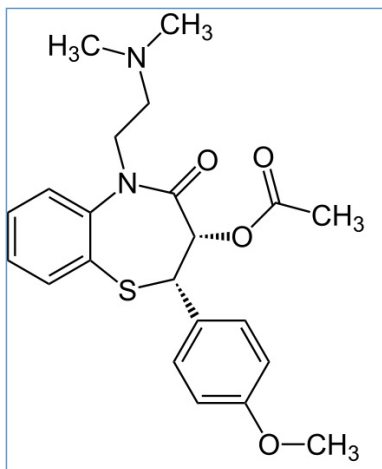
Bibliographie

	Type	Source
2433	Revue	Allen LV, Jr, Erickson MA, Stability of baclofen, captopril, diltiazem hydrochloride, dipyridamole, and flecainide acetate in extemporaneously compounded oral liquids Am J Health-Syst Pharm 1996 ; 53: 2179-2184.
3857	Revue	Polonini H.C, Sharlene L, Claudio L,Ferreira A.O,Brand?o M.A.F. Stability of Atenolol, Clonazepam, Dexamethasone, Diclofenac Sodium, Diltiazem, Enalapril Maleate, Ketoprofen, Lamotrigine, Penicillamine-D, and Thiamine in SyrSpend SF PH4 Oral Suspensions Int J Pharm Compound 2016 ; 20, 2: 167-174.

Stabilis



Diltiazem hydrochloride



Stabilité des préparations

		2 g	Propylène Glycol 10 g OH propyl methyl cellulose 3 g Eau purifiée 85 g	22°C		180		1645



Bibliographie

	Type	Source
1645	Revue	Pinto JF, Salgado AC, Alves ML, Alves S, Neves C, Falcao F. Evaluation of a diltiazem hydrochloride gel for the treatment of anal fissure. EJHP 2010 ; 16: 42-47.



Dictionnaire

Antiarythmique	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%	Lumière
Heure	Polyéthylène
A l'abri de la lumière	Polyoléfine
Glucose 5%	Jour
Stabilité en mélange	Solvant
Molécule	Verre
Facteur influençant la stabilité	Provoque
Dégradation	NaHCO3
Compatibilités	Précipitation immédiate
Incompatible	Chlorure de sodium 0,9%
Compatible	Incompatibilité non précisée
Turbidité immédiate	RL Ringer lactate
Aucun	Solvant spécifique
Voie d'administration	Intraveineuse
Perfusion intraveineuse	Perfusion continue
Bibliographie	Antihypertenseur
Solution buvable	Stabilité des préparations
Origine	Excipient
Flacon plastique	Poudre
Comprimés	Vasodilatateur
Forme dermique	Tube de pommade en aluminium
Dictionnaire	