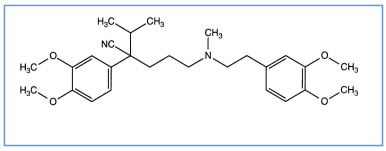
Stabilis

Verapamil hydrochloride



Handelsnavn

Calaptin	Indien
Cordilox	Australien
Dilacoran	Mexico
Geangin	Holland
Isocor	Colombia, Iran, Malaysia
Isoptin	Argentina, Australien, Grækenland, Holland, Italien, New Zealand, Polen, Portugal, Saudi-Arabien, Schweiz, Sverige, Tyskland, USA, Ægypten, Østrig
Isoptina	Chile
Isoptine	Belgien, Frankrig, Luxemborg
Izoptomil	Ægypten
Lekoptin	Iran, Polen, Slovenien
Manidon	Spanien, Venezuela
Palyuan	Mexico
Securon	Storbritanien
Serriten	Mexico
Vasolan	Japan
Verahexal	Malaysia, Slovenien, Tyskland
Veraloc	Danmark
Veramex	Tyskland
Verapabene	Østrig
Verapam	Schweiz
Verapamil	Canada, Sverige, Tyskland, Ungarn, USA
Verapamilo	Chile, Colombia, Ecuador, Marokko
Verpamil	Finland, Malaysia

Stabilitet i (vandige) opløsninger

		0,16 mg/ml	5°C		7			1045
		0,16 mg/ml	5°C		7			1045
PVC		0,16 mg/ml	5°C		7			1045
PVC		0,16 mg/ml	5°C		7			1045

Stabilitet i blandinger

		0,16 mg/ml	5°C		Dobutamine hydrochloride : 0,25 mg/ml	7	1045
		1 mg/ml	22°C-23°C		Milrinone lactate : 0,35 mg/ml	4	191
		1,25 mg/ml	22°C-23°C		Milrinone lactate : 0,1 mg/ml	4	191
		0,1 & 0,4 mg/ml	24°C		Theophylline : 0,4 & 4 mg/ml	24	372
		0,16 mg/ml	5°C		Dobutamine hydrochloride : 0,25 mg/ml	7	1045
PVC		0,16 mg/ml	5°C		Dobutamine hydrochloride : 0,25 mg/ml	7	1045
PVC		0,16 mg/ml	5°C		Dobutamine hydrochloride : 0,25 mg/ml	7	1045

Faktorer der påvirker stabiliteten

	NaH CO3				1100
	pH >7				1098 1099

Kompatibilitet

		Verapamil hydrochloride : 0.08 mg/ml Amikacin sulfate : 2 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Amikacin sulfate : 2 mg/ml		1057
		Verapamil hydrochloride : 0,08 mg/ml Aminophylline : 1 mg/ml		706
		Verapamil hydrochloride : 0,1 & 0,4 mg/ml Aminophylline : 1 mg/ml		364
		Verapamil hydrochloride : 0,08 mg/ml Aminophylline : 1 mg/ml		706
		Verapamil hydrochloride : 0.05 mg/ml Amiodarone hydrochloride : 1.8 mg/ml		242
		Verapamil hydrochloride : 0.05 mg/ml Amiodarone hydrochloride : 1.8 mg/ml		242
		Verapamil hydrochloride : 10 mg/ml Amoxicillin sodium / clavulanic acid : 100/10 mg/ml		3824
		Verapamil hydrochloride : 0.08 mg/ml Amphotericin B : 0.1 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Amphotericin B : 0.1 mg/ml		1057
		Verapamil hydrochloride : 2,5 mg/ml Amphotericin B cholesteryl sulfate complex : 0,83 mg/ml		921

		Verapamil hydrochloride : 0.08 mg/ml Ampicillin sodium : 4 mg/ml		1057
		Verapamil hydrochloride : 2.5 mg/ml Ampicillin sodium : 40 mg/ml		371
		Verapamil hydrochloride : 2.5 mg/ml Ampicillin sodium : 40 mg/ml		371
		Verapamil hydrochloride : 0.08 mg/ml Ampicillin sodium : 4 mg/ml		1057
		Verapamil hydrochloride : 2,5 mg/ml Argatroban : 1 mg/ml		1964
		Verapamil hydrochloride : 0.08 mg/ml Ascorbic acid : 1 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Ascorbic acid : 1 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Atropine sulfate : 0.0008 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Atropine sulfate : 0.0008 mg/ml		1057
		Verapamil hydrochloride : 2,5 mg/ml Bivalirudin : 5 mg/ml		1944
		Verapamil hydrochloride : 2,5 mg/ml Bivalirudin : 5 mg/ml		1944
		Verapamil hydrochloride : 1.25 mg/ml Bivalirudin : 5 mg/ml		1713
		Verapamil hydrochloride : 0,08 mg/ml Bretylium tosilate : 2 mg/ml		706
		Verapamil hydrochloride : 0.08 mg/ml Calcium chloride : 2 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Calcium chloride : 2 mg/ml		1057
		Verapamil hydrochloride : 0,08 mg/ml Calcium gluconate : 2 mg/ml		706
		Verapamil hydrochloride : 0.08 mg/ml Cefamandole nafate : 4 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Cefamandole nafate : 4 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Cefazolin sodium : 2 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Cefazolin sodium : 2 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Cefotaxime sodium : 4 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Cefotaxime sodium : 4 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Cefoxitin sodium : 4 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Cefoxitin sodium : 4 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Chloramphenicol sodium succinate : 2 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Chloramphenicol sodium succinate : 2 mg/ml		1057

		Verapamil hydrochloride : 2.5 mg/ml Ciprofloxacin lactate : 2 mg/ml		288
		Verapamil hydrochloride : 2.5 mg/ml Ciprofloxacin lactate : 2 mg/ml		288
		Verapamil hydrochloride : 0.08 mg/ml Clindamycin phosphate : 1.2 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Clindamycin phosphate : 1.2 mg/ml		1057
		Verapamil hydrochloride : 2,5 mg/ml Clonidine hydrochloride : 0,018 mg/ml		2018
		Verapamil hydrochloride : 1 mg/ml Clonidine hydrochloride : 0.009 & 0.03 mg/ml		4130
		Verapamil hydrochloride : 0.08 mg/ml Co-trimoxazole : 0.16/0.8 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Co-trimoxazole : 0.16/0.8 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Dexamethasone sodium phosphate : 0.04 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Dexamethasone sodium phosphate : 0.04 mg/ml		1057
		Verapamil hydrochloride : 1.25 mg/ml Dexmedetomidine : 4 µg/ml		1712
		Verapamil hydrochloride : 0.08 mg/ml Diazepam : 0.02 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Diazepam : 0.02 mg/ml		1057
		Verapamil hydrochloride : 0,08 mg/ml Digoxin : 2 µg/ml		706
		Verapamil hydrochloride Dimenhydrinate		2087
		Verapamil hydrochloride : 0.16 mg/ml Dobutamine hydrochloride : 0.25 mg/ml		1045
		Verapamil hydrochloride : 0.16 mg/ml Dobutamine hydrochloride : 0.25 mg/ml		1045
		Verapamil hydrochloride : 0.08 mg/ml Dobutamine hydrochloride : 0.5 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Dobutamine hydrochloride : 0.5 mg/ml		1057
		Verapamil hydrochloride : 2.5 mg/ml Dobutamine hydrochloride : 2 mg/ml		1041
		Verapamil hydrochloride : 0.08 mg/ml Dopamine hydrochloride : 0.4 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Dopamine hydrochloride : 0.4 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Epinephrine hydrochloride : 2 µg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Epinephrine hydrochloride : 2 µg/ml		1057
		Verapamil hydrochloride Eptifibatide		3934
		Verapamil hydrochloride : 0.08 mg/ml Erythromycin lactobionate : 2 mg/ml		1057

		Verapamil hydrochloride : 0.08 mg/ml Erythromycin lactobionate : 2 mg/ml		1057
		Verapamil hydrochloride : 0.1 mg/ml Famotidine : 0.2 mg/ml		398
		Verapamil hydrochloride : 1.25 mg/ml Fenoldopam mesylate : 80 µg/ml		1803
		Verapamil hydrochloride : 0.08 mg/ml Furosemide : 0.2 mg/ml		1057
		Verapamil hydrochloride : 0.5 mg/ml Furosemide : 1 mg/ml		1232
		Verapamil hydrochloride : 0.08 mg/ml Furosemide : 0.2 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Gentamicin sulfate : 0.16 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Gentamicin sulfate : 0.16 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Heparin sodium : 20 UI/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Heparin sodium : 20 UI/ml		1057
		Verapamil hydrochloride : 1.25 mg/ml Hetastarch : 60 mg/ml		1721
		Verapamil hydrochloride : 0.08 mg/ml Human albumin : 25 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Human albumin : 25 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Hydralazine hydrochloride : 0.04 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Hydrocortisone sodium succinate : 0.2 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Hydrocortisone sodium succinate : 0.2 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Hydromorphone hydrochloride : 0.016 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Hydromorphone hydrochloride : 0.016 mg/ml		1057
		Verapamil hydrochloride : 0,08 mg/ml Insulin : 0,2 UI/ml		706
		Verapamil hydrochloride : 1,25 mg/ml Insulin aspart : 1 UI/ml		1508
		Verapamil hydrochloride : 1,25 mg/ml Insulin aspart : 1 UI/ml		1508
		Verapamil hydrochloride : 0.08 mg/ml Isoprenaline hydrochloride : 0.01 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Isoprenaline hydrochloride : 0.01 mg/ml		1057
		Verapamil hydrochloride : 2.5 mg/ml Lansoprazole : 0.55 mg/ml		1625
		Verapamil hydrochloride : 0,08 mg/ml Lidocaine hydrochloride : 2 mg/ml		706
		Verapamil hydrochloride : 2.5 mg/ml Linezolid : 2 mg/ml	∅	1925

	✓	Verapamil hydrochloride : 0.08 mg/ml Magnesium sulfate : 10 mg/ml	◆	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Magnesium sulfate : 10 mg/ml	▲	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Mannitol : 0.025 mg/ml	◆	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Mannitol : 0.025 mg/ml	▲	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Metaraminol : 0.02 mg/ml	◆	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Metaraminol : 0.02 mg/ml	▲	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Methylprednisolone sodium succinate : 0.25 mg/ml	▲	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Methylprednisolone sodium succinate : 0.25 mg/ml	◆	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Metoclopramide hydrochloride : 0.02 mg/ml	▲	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Metoclopramide hydrochloride : 0.02 mg/ml	◆	1057
	✓	Verapamil hydrochloride : 1 & 1.25 mg/ml Milrinone lactate : 0.100 & 0.350 mg/ml	◆	191
	✓	Verapamil hydrochloride : 0.08 mg/ml Morphine sulfate : 0.03 mg/ml	▲	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Morphine sulfate : 0.03 mg/ml	◆	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Moxalactam : 4 mg/ml	▲	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Moxalactam : 4 mg/ml	◆	1057
	✓	Verapamil hydrochloride : 2.5 mg/ml N-acetylcysteine : 200 mg/ml	∅	3766
↓	✗	Verapamil hydrochloride : 2.5 mg/ml Nafcillin sodium : 40 mg/ml	▲	371
	✓	Verapamil hydrochloride : 0.08 mg/ml Nafcillin sodium : 4 mg/ml	▲	1057
↓	✗	Verapamil hydrochloride Nafcillin sodium		1351
↓	✗	Verapamil hydrochloride Nafcillin sodium	◆	1099
↓	✗	Verapamil hydrochloride : 2.5 mg/ml Nafcillin sodium : 40 mg/ml	◆	371
	✓	Verapamil hydrochloride : 0.08 mg/ml Nafcillin sodium : 4 mg/ml	◆	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Naloxone hydrochloride : 0.0008 mg/ml	▲	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Naloxone hydrochloride : 0.0008 mg/ml	◆	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Nitroglycerin : 0.1 mg/ml	▲	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Nitroglycerin : 0.1 mg/ml	◆	1057

		Verapamil hydrochloride : 0.08 mg/ml Nitroprusside sodium : 0.1 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Nitroprusside sodium : 0.1 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Norepinephrine bitartrate : 0.008 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Norepinephrine bitartrate : 0.008 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Oxacillin sodium : 4 mg/ml		1057
		Verapamil hydrochloride : 2.5 mg/ml Oxacillin sodium : 40 mg/ml		371
		Verapamil hydrochloride : 0.08 mg/ml Oxacillin sodium : 4 mg/ml		1057
		Verapamil hydrochloride : 2.5 mg/ml Oxacillin sodium : 40 mg/ml		371
		Verapamil hydrochloride : 1,25 mg/ml Oxaliplatin : 0,5 mg/ml		1662
		Verapamil hydrochloride : 0.08 mg/ml Oxytocin : 0.04 UI/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Oxytocin : 0.04 UI/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Pancuronium bromide : 0.008 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Pancuronium bromide : 0.008 mg/ml		1057
		Verapamil hydrochloride Pantoprazole sodium		2090
		Verapamil hydrochloride : 2.5 mg/ml Paracetamol : 10 mg/ml		4742
		Verapamil hydrochloride : 2.5 mg/ml Penicillin G potassium : 0.1 MUI/ml		371
		Verapamil hydrochloride : 0.08 mg/ml Penicillin G potassium : 0.01 MUI/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Penicillin G potassium : 0.01 MUI/ml		1057
		Verapamil hydrochloride : 2.5 mg/ml Penicillin G potassium : 0.1 MUI/ml		371
		Verapamil hydrochloride : 0.08 mg/ml Penicillin G sodium : 0.01 MUI/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Penicillin G sodium : 0.01 MUI/ml		1057
		Verapamil hydrochloride : 2.5 mg/ml Pethidine hydrochloride : 10 mg/ml		62
		Verapamil hydrochloride : 0.08 mg/ml	NaH CO3	1057
		Verapamil hydrochloride	NaH CO3	1100
		Verapamil hydrochloride : 0.08 mg/ml Pentobarbital sodium : 0.2 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Pentobarbital sodium : 0.2 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Pethidine hydrochloride : 0.15 mg/ml		1057

	✓	Verapamil hydrochloride : 0.08 mg/ml Pethidine hydrochloride : 0.15 mg/ml	◆	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Phenobarbital sodium : 0.26 mg/ml	▲	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Phenobarbital sodium : 0.26 mg/ml	◆	1057
	✓	Verapamil hydrochloride Phentolamine mesylate		5050
	✓	Verapamil hydrochloride : 0.08 mg/ml Phentolamine mesylate : 0.01 mg/ml	◆	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Potassium chloride : 80 mEq/l	▲	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Potassium phosphate : 0.088 mmol/ml	▲	1057
	✓	Verapamil hydrochloride : 2.5 mg/ml Propofol : 10 mg/ml	∅	300
	✓	Verapamil hydrochloride : 2,5 mg/ml	RL	4603
	✓	Verapamil hydrochloride : 0.08 mg/ml Phentolamine mesylate : 0.01 mg/ml	▲	1057
	✓	Verapamil hydrochloride : 0,08 mg/ml Phenytoin sodium : 0,5 mg/ml	▲	706
	✓	Verapamil hydrochloride : 2.5 mg/ml Piperacillin sodium : 40 mg/ml	▲	371
	✓	Verapamil hydrochloride : 2.5 mg/ml Piperacillin sodium : 40 mg/ml	◆	371
	✓	Verapamil hydrochloride : 0.08 mg/ml Potassium chloride : 80 mEq/l	◆	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Potassium phosphate : 0.088 mmol/ml	◆	1057
	✓	Verapamil hydrochloride : 0,08 mg/ml Procainamide hydrochloride : 2 mg/ml	▲	706
4	✕	Verapamil hydrochloride : 2.5 mg/ml Propofol		660
	✓	Verapamil hydrochloride	◆	1045
	✓	Verapamil hydrochloride : 0.08 mg/ml Propranolol hydrochloride : 0.004 mg/ml	◆	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Protamine hydrochloride : 0.1 UI/ml	▲	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Protamine hydrochloride : 0.1 UI/ml	◆	1057
	✓	Verapamil hydrochloride : 0,08 mg/ml Quinidine gluconate : 0,8 mg/ml	▲	706
	✓	Verapamil hydrochloride : 0.08 mg/ml Sodium bicarbonate : 7.49 mg/ml	◆	1057
?	✕	Verapamil hydrochloride Sugammadex		2328
	✓	Verapamil hydrochloride	▲	1045
	✓	Verapamil hydrochloride : 0.08 mg/ml Propranolol hydrochloride : 0.004 mg/ml	▲	1057
	✓	Verapamil hydrochloride : 0.08 mg/ml Sodium bicarbonate : 7.49 mg/ml	▲	1057

		Verapamil hydrochloride Sodium bicarbonate	0.45	1100
		Verapamil hydrochloride : 0.1 & 0.4 mg/ml Theophylline : 0.4 & 4 mg/ml		372
		Verapamil hydrochloride : 0.08 mg/ml Tobramycin sulfate : 0.16 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Tobramycin sulfate : 0.16 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Vancomycin hydrochloride : 1 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Vancomycin hydrochloride : 1 mg/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Vasopressin : 0.04 UI/ml		1057
		Verapamil hydrochloride : 0.08 mg/ml Vasopressin : 0.04 UI/ml		1057

Administrationsvej

Bibliografi

	Type	offentliggørelse
62	Journal	Pugh CB, Pabis DJ, Rodriguez C. Visual compatibility of morphine sulfate and meperidine hydrochloride with other injectable drugs during simulated Y-site injection. Am J Hosp Pharm 1991 ; 48: 123-125.
191	Journal	Riley CM. Stability of milrinone and digoxin, furosemide, procainamide hydrochloride, propranolol hydrochloride, quinidine gluconate, or verapamil hydrochloride in 5% dextrose injection. Am J Hosp Pharm 1988 ; 45: 2079-2091.
242	Journal	Campbell S, Nolan PE, Bliss M, Wood R, Mayersohn M. Stability of amiodarone hydrochloride in admixtures with other injectable drugs. Am J Hosp Pharm 1986 ; 43: 917-921.
288	Journal	Cervenka P, Dejong DJ, Butler BL, Monzingo MD. Visual compatibility of injectable ciprofloxacin lactate with selected injectable drugs during simulated Y-site administration. Hosp Pharm 1992 ; 27: 957-958,961-962.
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.
364	Journal	Johnson CE, Lloyd CW, Mesaros JL, Rubley GJ. Compatibility of aminophylline and verapamil in intravenous admixtures. Am J Hosp Pharm 1989 ; 46: 97-100.
371	Journal	Thompson DF, Stiles ML, Allen LV, Tu YH. Compatibility of verapamil hydrochloride with penicillin admixtures during simulated Y-site injection. Am J Hosp Pharm 1988 ; 45: 142-145.

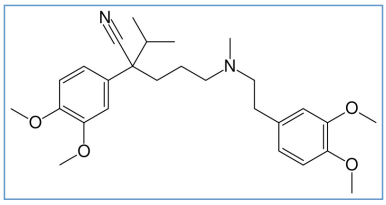
372	Journal	Johnson CE, Lloyd CW, Aviles AI, Rybarz KL. Compatibility of premixed theophylline and verapamil intravenous admixtures. Am J Hosp Pharm 1988 ; 45: 609-612.
398	Journal	Jay GT, Fanikos J, Souney PF. Visual compatibility of famotidine with commonly used critical-care medications during simulated Y-site injection. Am J Hosp Pharm 1988 ; 45: 1556-1557.
660	Journal	Michaels MR, Stauffer GL, Haas DP. Propofol compatibility with other intravenous drug products - Two new methods of evaluating IV emulsion compatibility. Ann Pharmacotherapy 1996 ; 30: 228-232.
706	Journal	Cutie MR. Compatibility of verapamil hydrochloride with other additives. Am J Hosp Pharm 1981 ; 38: 231.
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.
1041	Journal	Hasegawa GR, Eder JF. Visual compatibility of dobutamine hydrochloride with other injectable drugs. Am J Hosp Pharm 1984 ; 41: 949-951.
1045	Journal	Das Gupta V, Stewart KR. Stability of dobutamine hydrochloride and verapamil hydrochloride in 0.9% sodium chloride and 5 % dextrose injections. Am J Hosp Pharm 1984 ; 41: 686-689.
1057	Journal	Cutie MR. Compatibility of verapamil hydrochloride injection with commonly used additives. Am J Hosp Pharm 1983 ; 40: 1205-1207.
1098	Journal	Cutie MR. Verapamil precipitation. Ann Intern Med 1983 ; 98: 672.
1099	Journal	Tucker R, Gentile JF. Precipitation of verapamil in an intravenous line. Ann Intern Med 1984 ; 101: 880.
1100	Journal	Bar-Or D, Kulig K, Marx JA, Rosen P. Precipitation of verapamil. Ann Intern Med 1982 ; 97: 619.
1232	Journal	Beatson C, Taylor A. A physical compatibility study of furosemide & flucloxacillin injections. Br J Pharm Pract 1987 ; 9: 223-226, 236.
1351	Journal	Tucker R, Gentle JF. Precipitation of verapamil with nafcillin. Am J Hosp Pharm 1984 ; 41: 2588.
1508	Journal	Voirol P, Berger-Gryllaki M, Pannatier A, Eggimann P, Sadeghipour F. Visual compatibility of insulin aspart with intravenous drugs frequently used in ICU. EJHP 2015 ;22:123-124.
1625	Journal	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.
1662	Journal	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.

1712	Journal	Trissel LA, Saenz CA. Compatibility screening of Precedex during simulated Y-site administration with other drugs. Int J Pharm Compound 2002 ; 6: 230-233.
1713	Journal	Trissel LA, Saenz CA. Compatibility screening of bivalirudin during simulated Y-site administration with other drugs. Int J Pharm Compound 2002 ; 6: 311-315.
1721	Journal	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.
1803	Journal	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	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.
1944	Journal	Hartman CA, Faria CE, Mago K. Visual compatibility of bivalirudin with selected drugs. Am J Health-Syst Pharm 2004 ; 61: 1774.
1964	Journal	Hartman CA, Baroletti SA, Churchill WW et al. Visual compatibility of argatroban with selected drugs. Am J Health-Syst Pharm 2002 ; 59: 1784-1785.
2018	Journal	Veggeland T. Visual compatibility of clonidine with selected drugs. Am J Health-Syst Pharm 2005 ; 62: 1968-1969.
2087	Journal	Ferreira E, Forest JM, Hildgen P. Compatibility of dimenhydrinate injectable by Y administration. Pharmactuel 2004 ; 37: 17-20.
2090	Journal	Pere H, Chasse V, Forest JM, Hildgen P. Compatibility of injectable pantoprazole in Y-site administration. Pharmactuel 2004 ; 37: 193-196.
2328	Laboratorium	Sugammadex (Bridion®) – Résumé des caractéristiques du produits Organon 2009
3766	Journal	Forrest J.M, Hildgen P. Compatibilité de l'acétylcystéine injectable lors de son administration en Y avec d'autres médicaments usuels Pharmactuel 2014 ; 47, 3 : 161-165.
3824	Journal	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
3934	Laboratorium	Eptifibatide (Integrilin®) - Résumé des caractéristiques du produit GlaxoSmithKline Laboratoire 2016
4130	Journal	Koller AK, Krebs S, Dörje F. Untersuchungen zur Kompatibilität von Clonidin mit häufig eingesetzen Arzneimittel auf Intensivstationen. Pharmaceutics 2021 , 13, 21.
4603	Journal	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	Journal	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.

5050	Laboratorium	Phentolamine - Drugs.com monograph Drugs.com 2025

Stabilis

Verapamil hydrochloride



Stabilitet af farmaceutiske tilberedninger

2500 mg	Verapamil Hydrochloride	SyrSpend SF® >>50ml	2-8 °C	?	60			3209
2500 mg	Verapamil Hydrochloride	OraPlus® / OraSweet SF® (1:1) >> 50 mL	2-8 °C	?	60			3209
6000 mg	®=? (Schein Pharmaceutical)	OraPlus® / OraSweet® (1:1) >> 120 ml	25 °C		60			2435
6000 mg	®=? (Schein Pharmaceutical)	OraPlus® / OraSweet SF® (1:1) >> 120 m	25 °C		60			2435
6000 mg	®=? (Schein Pharmaceutical)	Kirsebærsirup / Sukkersirup (1:4) >> 120 m	25 °C		60			2435
6000 mg	®=? (Schein Pharmaceutical)	OraPlus® / OraSweet® (1:1) >> 120 ml	5 °C		60			2435
6000 mg	®=? (Schein Pharmaceutical)	OraPlus® / OraSweet SF® (1:1) >> 120 m	5 °C		60			2435
6000 mg	®=? (Schein Pharmaceutical)	Kirsebærsirup / Sukkersirup (1:4) >> 120 m	5 °C		60			2435

Bibliografi

	Type	offentliggørelse
2435	Journal	Allen LV, Jr, Erickson MA, Stability of labetalol hydrochloride, metoprolol tartrate, verapamil hydrochloride, and spironolactone with hydrochlorothiazide in extemporaneously compounded oral liquids Am J Health-Syst Pharm 1996 ; 53: 2304-2309.
3209	Journal	Voudrie Mark A, Alexander Bridget, Allen D Brett. Stability of Verapamil Hydrochloride in SyrSpend SF Compared to Sorbitol Containing Syrup and Suspending Vehicles. Int J Pharm Compound 2011 ; 15, 3: 255-258.

Ordbog

	Antiarytmisk		Injektion
	Handelsnavn		Stabilitet i (vandige) opløsninger
	Beholder		Molecule
	Koncentration		Temperatur
	Konservering		Varighed af stabilitet
	biosimilært		modstridende data
	Bibliografi		Glas
	0,9 % Natriumklorid		Beskyt mod lys
	Dag		5 % Glukose
PVC	Polyvinylklorid		Stabilitet i blandinger
	Opløsningsmiddel		Molekyle
	Lys		Time
	Faktorer der påvirker stabiliteten	NaH CO3	NaHCO3
	Fremkalde		Nedbrydning
	Udfældning		Kompatibilitet
	Kompatibel		Umiddelbar nedbør
	Uforenelig		Umiddelbar turbiditet
	Nedbør efter 8 timer		Farveændring efter 24 timer
	specifikt opløsningsmiddel		Uklarhed om 8 timer
	Farveændring	Ø	Ingen
RL	Ringer laktat		Ustabilitet af emulsionen efter 4 timer
	Uspecificeret inkompatibilitet		0,45 % Natriumklorid
	Administrationsvej		Intravenøs
	Intravenøs infusion		Bibliografi
	Vasodilator		Oral opløsning
	Stabilitet af farmaceutiske tilberedninger		Origine
	Hjælpestof		Plastflaske
	Pulver	?	Ikke nærmere angivet
	Tabletter		Ordbog