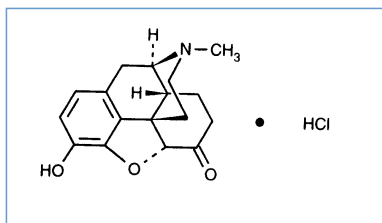


Stabilis



Hydromorphone hydrochloride



Tradename

Dilaudid	Canada, United States of America
Hydal	Austria
Palladon	Denmark, Switzerland
Palladone	Great Britain











































































































Stability in solutions

		50 mg/ml	37°C		90			2305
PVC		1 & 5 mg/ml	23°C		42			120
PVC		1 & 5 mg/ml	4°C		42			120
PVC		0,2 & 10 mg/ml	23°C		90			4230
PVC		20 mg/ml	22°C		7			4664
PVC		20 mg/ml	37°C		7			4664
POF		0,2 & 10 mg/ml	23°C		90			4230
		0,1 mg/ml	25°C		100			4303
		0,1 mg/ml	30°C		30			5
		1,5 & 80 mg/ml	23°C		60			1706
		1,5 & 80 mg/ml	37°C		48			1706
		1,5 & 80 mg/ml	4°C		60			1706
		10 mg/ml	30°C		30			5
		0,2 mg/ml	20°C		112			2659
		0,2 mg/ml	35°C		112			2659
		0,2 mg/ml	5°C		112			2659
		10 mg/ml	37°C		120			1867



Stability of mixtures

		0,25 mg/ml	20°C-23°C		Granisetron hydrochloride : 0,5 mg/ml	4		57
		0,2 mg/ml	25°C		Ketamine hydrochloride : 0,2 >> 1 mg/ml	7		2336
		0,05 mg/ml	25°C		Morphine hydrochloride : 0,25 mg/ml	15		4667
		0,05 mg/ml	37°C		Morphine hydrochloride : 0,25 mg/ml	15		4667
		0,1 & 1 mg/ml	23°C-25°C		Tacrolimus : 5 & 20 µg/ml	4		814
		2 & 10 & 40 mg/ml	23°C		Dimenhydrinate : 50 mg/ml	24		1497
		0,25 mg/ml	25°C		Palonosetron hydrochloride : 25 µg/ml	4		2196
		2 & 10 & 40 mg/ml	37°C		Dimenhydrinate : 50 mg/ml	24		1497
		2 & 10 & 40 mg/ml	4°C		Dimenhydrinate : 50 mg/ml	24		1497
		0,5 mg/ml	-20°C		Fluorouracil : 1 & 16 mg/ml	35		513
		0,5 mg/ml	23°C		Fluorouracil : 16 mg/ml	7		513
		0,5 mg/ml	23°C		Fluorouracil : 1 mg/ml	35		513
		0,5 mg/ml	32°C		Fluorouracil : 16 mg/ml	3		513
		0,5 mg/ml	32°C		Fluorouracil : 1 mg/ml	7		513
		0,5 mg/ml	4°C		Fluorouracil : 1 & 16 mg/ml	35		513
		20 mg/ml	22°C		Esketamine : 20 mg/ml	7		4664
		0,5 mg/ml	22°C		Ondansetron hydrochloride : 0,1 & 1 mg/ml	31		6
		0,02 & 0,1 mg/ml	23°C-25°C		Bupivacaine hydrochloride : 0,62 & 1,2 mg/ml	72		306
		0,2 mg/ml	25°C		Ketamine hydrochloride : 0,2 >> 1 mg/ml	7		2336
		0,05 mg/ml	25°C		Morphine hydrochloride : 0,25 mg/ml	15		4667
		0.0015 mg/ml	25°C		Bupivacaine hydrochloride : 0.5 mg/ml	30		4746
		0.03 mg/ml	25°C		Bupivacaine hydrochloride : 0.5 mg/ml	30		4746
		0.03 mg/ml	25°C		Bupivacaine hydrochloride : 2.5 mg/ml	30		4746
		0.0015 mg/ml	25°C		Bupivacaine hydrochloride : 2.5 mg/ml	30		4746
		0,5 mg/ml	32°C		Ondansetron hydrochloride : 0,1 & 1 mg/ml	7		6
		20 mg/ml	37°C		Esketamine : 20 mg/ml	7		4664
		0,05 mg/ml	37°C		Morphine hydrochloride : 0,25 mg/ml	15		4667
		0,5 mg/ml	4°C		Ondansetron hydrochloride : 0,1 & 1 mg/ml	31		6
		0.0015 mg/ml	4°C		Bupivacaine hydrochloride : 0.5 mg/ml	30		4746
		0.03 mg/ml	4°C		Bupivacaine hydrochloride : 0.5 mg/ml	30		4746

		0.03 mg/ml	4°C		Bupivacaine hydrochloride : 2.5 mg/ml	30		4746
		0.0015 mg/ml	4°C		Bupivacaine hydrochloride : 2.5 mg/ml	30		4746
		0,5 mg/ml	4°C-22°C		Ondansetron hydrochloride : 0,1 & 1 mg/ml	31		6
		0,5 mg/ml	4°C-22°C		Granisetron hydrochloride : 0,056 mg/ml	31		6
		0,5 mg/ml	4°C-22°C		Granisetron hydrochloride : 0,056 mg/ml	31		6
		0,05 mg/ml	25°C		Morphine hydrochloride : 0,25 mg/ml	15		4667
		0,05 mg/ml	37°C		Morphine hydrochloride : 0,25 mg/ml	15		4667
		0.0015 mg/ml	25°C		Bupivacaine hydrochloride : 0.5 mg/ml	30		4746
		0.03 mg/ml	25°C		Bupivacaine hydrochloride : 0.5 mg/ml	30		4746
		0.03 mg/ml	25°C		Bupivacaine hydrochloride : 2.5 mg/ml	30		4746
		0.0015 mg/ml	25°C		Bupivacaine hydrochloride : 2.5 mg/ml	30		4746
		0.0015 mg/ml	4°C		Bupivacaine hydrochloride : 0.5 mg/ml	30		4746
		0.03 mg/ml	4°C		Bupivacaine hydrochloride : 0.5 mg/ml	30		4746
		0.03 mg/ml	4°C		Bupivacaine hydrochloride : 2.5 mg/ml	30		4746
		0.0015 mg/ml	4°C		Bupivacaine hydrochloride : 2.5 mg/ml	30		4746
		0,02 & 0,04 mg/ml	22°C		Bupivacaine hydrochloride : 2,5 mg/ml	91		1931
		0,2 mg/ml	25°C		Ketamine hydrochloride : 0,2 >> 1 mg/ml	7		2336
		10 mg/ml	25°C		Scopolamine hydrobromide : 0,04 mg/ml Famotidine : 0,4 mg/ml Haloperidol lactate : 0,5 mg/ml Dimenhydrinate : 5 mg/ml	12		2166
		10 mg/ml	25°C		Famotidine : 0,4 mg/ml Midazolam hydrochloride : 1 mg/ml	96		2166
		10 mg/ml	25°C		Haloperidol lactate : 0,5 mg/ml Metoclopramide hydrochloride : 0,5 mg/ml	96		2166
		10 mg/ml	25°C		Famotidine : 0,4 mg/ml Metoclopramide hydrochloride : 0,5 mg/ml Ketoprofene : 1,5 mg	96		2166
		10 mg/ml	4°C		Scopolamine hydrobromide : 0,04 mg/ml Famotidine : 0,4 mg/ml Haloperidol lactate : 0,5 mg/ml Dimenhydrinate : 5 mg/ml	12		2166
		10 mg/ml	4°C		Famotidine : 0,4 mg/ml Midazolam hydrochloride : 1 mg/ml	96		2166
		10 mg/ml	4°C		Famotidine : 0,4 mg/ml Metoclopramide hydrochloride : 0,5 mg/ml Ketorolac tromethamine : 1,5 mg/ml	96		2166
		0,02 & 0,04 mg/ml	6°C		Bupivacaine hydrochloride : 2,5 mg/ml	91		1931
		0,08 mg/ml	24°C		Fentanyl citrate : 16 µg/ml Nefopam : 0,8 mg/ml Ramosetron : 12 µg/ml	4		4666

		0,08 mg/ml	24°C		Fentanyl citrate : 16 µg/ml Nefopam : 0,8 mg/ml Ondansetron hydrochloride : 0,32 mg/ml	4		4666
		2 & 20 mg/ml	23°C		Midazolam hydrochloride : 0.1 & 0.5 mg/ml	23		345
		2 & 20 mg/ml	4°C		Midazolam hydrochloride : 0.1 & 0.5 mg/ml	23		345
		35 mg/ml	37°C		Ziconotide acetate : 25 µg/ml	19		2251
		50 mg/ml	37°C		Bupivacaine hydrochloride : 24 mg/ml Clonidine hydrochloride : 2 mg/ml	90		2305
		15 mg/ml	37°C		Bupivacaine hydrochloride : 10 mg/ml	90		4200



Factors which affect stability

				1415
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Compatibility

	Hydromorphone hydrochloride : 0.04 mg/ml Aciclovir sodium : 5 mg/ml		336
	Hydromorphone hydrochloride : 0.5 mg/ml Allopurinol sodium : 3 mg/ml		307
	Hydromorphone hydrochloride : 0.5 mg/ml Amifostine : 10 mg/ml		3
	Hydromorphone hydrochloride : 0.2 mg/ml Amikacin sulfate : 5 mg/ml		405
	Hydromorphone hydrochloride : 10 mg/ml Amoxicillin sodium / clavulanic acid : 100/10 mg/ml		3824
			921
	Hydromorphone hydrochloride : 2 >> 40 mg/ml Ampicillin sodium : 20 & 250 mg/ml		226
	Hydromorphone hydrochloride : 0.2 mg/ml Ampicillin sodium : 20 mg/ml		405
	Hydromorphone hydrochloride : 0.5 mg/ml Amsacrine : 1 mg/ml		253
	Hydromorphone hydrochloride : 0.5 mg/ml Anidulafungin : 0.5 mg/ml		1982
	Hydromorphone hydrochloride : 0.5 mg/ml Atropine sulfate : 0.4 mg/ml		1974
	Hydromorphone hydrochloride : 0.5 mg/ml Aztreonam : 40 mg/ml		99
	Hydromorphone hydrochloride : 0.5 mg/ml Bivalirudin : 5 mg/ml		1713
	Hydromorphone hydrochloride : 0,02 & 0,04 mg/ml Bupivacaine hydrochloride : 2,5 mg/ml		1931

		Hydromorphone hydrochloride : 0,02 & 0,1 mg/ml Bupivacaine hydrochloride : 0,625 & 1,25 mg/ml		306
		Hydromorphone hydrochloride : 25 mg/ml Bupivacaine hydrochloride : 20 mg/ml		3131
		Hydromorphone hydrochloride : 1 mg/ml Caspofungin acetate : 0.5 mg/ml		2233
		Hydromorphone hydrochloride : 2 >> 40 mg/ml Cefazolin sodium : 20 mg/ml		226
		Hydromorphone hydrochloride : 2,5 mg/ml		4507
		Hydromorphone hydrochloride : 15 mg/ml Bupivacaine hydrochloride : 10 mg/ml		4200
		Hydromorphone hydrochloride : 65 mg/ml Bupivacaine hydrochloride : 7,5 mg/ml		221
		Hydromorphone hydrochloride : 50 mg/ml Caffeine : 10 mg/ml		3964
		Hydromorphone hydrochloride : 2 >> 40 mg/ml Cefazolin sodium : >200 mg/ml		226
		Hydromorphone hydrochloride : 1 mg/ml Cefiderocol sulfate tosylate : 20 mg/mL		4528
		Hydromorphone hydrochloride : 0.2 mg/ml Cefmetazole sodium : 100 mg/ml		93
		Hydromorphone hydrochloride : 0,5 mg/ml Ceftaroline fosamil : 2,22 mg/ml		3249
		Hydromorphone hydrochloride : 1 mg/ml Ceftobiprole medocaril sodium : 2 mg/ml		2269
		Hydromorphone hydrochloride : 1 mg/ml Ceftolozane / tazobactam : 10/5 mg/ml		3828
		Hydromorphone hydrochloride : 2 mg/ml Cimetidine hydrochloride : 150 mg/ml		1438
		Hydromorphone hydrochloride : 0.5 mg/ml Cladribine : 0.015 mg/ml		1496
		Hydromorphone hydrochloride : 2 >> 40 mg/ml Cloxacillin sodium : 40 & 250 mg/ml		226
		Hydromorphone hydrochloride : 0.5 mg/ml		301
		Hydromorphone hydrochloride : 0.5 mg/ml Cisatracurium besylate : 0.1 >> 5 mg/ml		299
		Hydromorphone hydrochloride : 0.5 mg/ml Cladribine : 0.5 mg/ml		1496
		Hydromorphone hydrochloride : 10 mg/ml Cloxacillin sodium : 100 mg/ml		3012
		Hydromorphone hydrochloride : 0.5 mg/ml		1415
		Hydromorphone hydrochloride : 1 mg/ml Caspofungin acetate : 0,7 mg/ml		2247
		Hydromorphone hydrochloride : 0.2 mg/ml Cefalotin sodium : 20 mg/ml		405
		Hydromorphone hydrochloride : 0.2 mg/ml Cefamandole nafate : 20 mg/ml		405
		Hydromorphone hydrochloride : 0.2 mg/ml Cefazolin sodium : 20 mg/ml		405
		Hydromorphone hydrochloride : 0.2 mg/ml Cefoperazone sodium : 20 mg/ml		405

		Hydromorphone hydrochloride : 0.2 mg/ml Ceforanide : 20 mg/ml	◆	405
		Hydromorphone hydrochloride : 0.2 mg/ml Cefotaxime sodium : 20 mg/ml	◆	405
		Hydromorphone hydrochloride : 0.2 mg/ml Cefoxitin sodium : 20 mg/ml	◆	405
		Hydromorphone hydrochloride : 0,5 mg/ml Ceftaroline fosamil : 2,22 mg/ml	RL	3249
		Hydromorphone hydrochloride : 2 >> 40 mg/ml Ceftazidime : 40 & 180 mg/ml	◆	226
		Hydromorphone hydrochloride : 0.2 mg/ml Ceftizoxime sodium : 20 mg/ml	◆	405
		Hydromorphone hydrochloride Ceftobiprole medocaril sodium		4650
		Hydromorphone hydrochloride : 1 mg/ml Ceftobiprole medocaril sodium : 2 mg/ml	RL	2269
		Hydromorphone hydrochloride : 0.2 mg/ml Cefuroxime sodium : 30 mg/ml	◆	405
		Hydromorphone hydrochloride : 0.5 mg/ml Dexamethasone sodium phosphate : 1 mg/ml	◆	1974
		Hydromorphone hydrochloride : 10 mg/ml	RL	4603
		Hydromorphone hydrochloride : 0.2 mg/ml Chloramphenicol sodium succinate : 20 mg/ml	◆	405
		Hydromorphone hydrochloride : 0.2 mg/ml Clindamycin phosphate : 12 mg/ml	◆	405
		Hydromorphone hydrochloride : 0.2 mg/ml Co-trimoxazole : 4/0.8 mg/ml	◆	405
		Hydromorphone hydrochloride : > 15 mg/ml Dexamethasone sodium phosphate : > 3 mg/ml		389
		Hydromorphone hydrochloride : 1 >> 40 mg/ml Dexamethasone sodium phosphate : < 2 mg/ml		389
		Hydromorphone hydrochloride : < 10 mg/ml Dexamethasone sodium phosphate : 2 >> 10 mg/ml		389
		Hydromorphone hydrochloride : 0.5 mg/ml Dexmedetomidine : 4 µg/ml	▲	1712
		Hydromorphone hydrochloride : 2 >> 40 mg/ml Diazepam : 5 mg/ml	◆	226
		Hydromorphone hydrochloride : 0.5 mg/ml Diazepam : 0.5 mg/ml	◆	1974
		Hydromorphone hydrochloride : 1 mg/ml Diltiazem hydrochloride : 1 mg/ml		314
		Hydromorphone hydrochloride Dimenhydrinate		2087
		Hydromorphone hydrochloride : 2 >> 40 mg/ml Dimenhydrinate : 50 mg/ml	∅	1497
		Hydromorphone hydrochloride : 0.5 mg/ml Diphenhydramine hydrochloride : 2 mg/ml	◆	1974
		Hydromorphone hydrochloride : 1 mg/ml Dobutamine hydrochloride : 4 mg/ml		314
		Hydromorphone hydrochloride : 0.5 mg/ml Docetaxel : 0.9 mg/ml	◆	1754

	Hydromorphone hydrochloride : 1 mg/ml Dopamine hydrochloride : 3.2 mg/ml		314	
	Hydromorphone hydrochloride : 1 mg/ml Doripenem : 5 mg/ml		2262	
	Hydromorphone hydrochloride : 0.5 mg/ml Doxorubicin hydrochloride liposome peg : 0.4 mg/ml		251	
	Hydromorphone hydrochloride : 0.2 mg/ml Doxycycline hyclate : 1 mg/ml		405	
	Hydromorphone hydrochloride : 1 mg/ml Epinephrine hydrochloride : 20 µg/ml		314	
	Hydromorphone hydrochloride : 1 mg/ml Eravacycline : 0,6 mg/ml		4434	
	Hydromorphone hydrochloride : 0.2 mg/ml Erythromycin lactobionate : 5 mg/ml		405	
	Hydromorphone hydrochloride : 0.5 mg/ml Etoposide phosphate : 5 mg/ml		1410	
	Hydromorphone hydrochloride : 0.5 mg/ml Famotidine : 2 mg/ml		215	
	Hydromorphone hydrochloride : 0.5 mg/ml Fenoldopam mesylate : 80 µg/ml		1803	
	Hydromorphone hydrochloride : 1 mg/ml Fentanyl citrate : 50 µg/ml		314	
	Hydromorphone hydrochloride : 0.5 mg/ml Filgrastim : 30 µg/ml		244	
	Hydromorphone hydrochloride : 0.5 mg/ml Fludarabine phosphate : 1 mg/ml		492	
	Hydromorphone hydrochloride : 0.5 mg/ml Fluorouracil : 1 & 16 mg/ml		513	
	Hydromorphone hydrochloride : 10 mg/ml Foscarnet sodium : 24 mg/ml		73	
	Hydromorphone hydrochloride : 1 mg/ml Fosfomycin : 30 mg/ml		4055	
	Hydromorphone hydrochloride : 1 mg/ml Furosemide : 10 mg/ml		314	
		Hydromorphone hydrochloride : 4 mg/ml Gallium nitrate : 1 mg/ml		91
	Hydromorphone hydrochloride : 0.5 mg/ml Gemcitabine hydrochloride : 10 mg/ml		1423	
	Hydromorphone hydrochloride : 0.2 mg/ml Gentamicin sulfate : 0.8 mg/ml		405	
	Hydromorphone hydrochloride : 0.5 mg/ml Granisetron hydrochloride : 1 mg/ml		57	
	Hydromorphone hydrochloride : 0.5 mg/ml Granisetron hydrochloride : 0.05 mg/ml		182	
	Hydromorphone hydrochloride : 0.5 mg/ml Granisetron hydrochloride : 0.056 mg/ml		6	
	Hydromorphone hydrochloride : 10 mg/ml Haloperidol lactate : 1 mg/ml		216	
	Hydromorphone hydrochloride : 10 mg/ml Haloperidol lactate : 2 mg/ml		216	
	Hydromorphone hydrochloride : 10 mg/ml Haloperidol lactate : 5 mg/ml		216	

		Hydromorphone hydrochloride : 1 mg/ml Haloperidol lactate : 5 mg/ml	∅	216
		Hydromorphone hydrochloride : 1 mg/ml Haloperidol lactate : 2 mg/ml	∅	216
		Hydromorphone hydrochloride : 1 mg/ml Haloperidol lactate : 1 mg/ml	∅	216
		Hydromorphone hydrochloride : 0.5 mg/ml Haloperidol lactate : 0.2 mg/ml	♦	1974
		Hydromorphone hydrochloride : >25 mg/ml Heparin sodium : <12,5 UI/ml	💧	66
		Hydromorphone hydrochloride : 1 mg/ml Heparin sodium : 100 UI/ml		314
		Hydromorphone hydrochloride : <12.5 mg/ml Heparin sodium	💧	66
		Hydromorphone hydrochloride : >25 mg/ml Heparin sodium : <12,5 UI/ml	▲	66
		Hydromorphone hydrochloride : <12.5 mg/ml Heparin sodium	▲	66
		Hydromorphone hydrochloride : >10 mg/ml Heparin sodium : <1 UI/ml	💧	66
		Hydromorphone hydrochloride : 0.5 mg/ml Hetastarch : 60 mg/ml	Ⓡ	1721
		Hydromorphone hydrochloride Hyaluronidase		3184
		Hydromorphone hydrochloride : 2 >> 40 mg/ml Hyaluronidase : 150 UI/ml	▲♦	9
		Hydromorphone hydrochloride : 0.5 mg/ml Hydroxyzine dihydrochloride : 4 mg/ml	♦	1974
		Hydromorphone hydrochloride : 1 mg/ml Isavuconazonium sulfate : 1.5 mg/ml	▲♦	3829
		Hydromorphone hydrochloride : 0.2 mg/ml Kanamycin sulfate : 2.5 mg/ml	♦	405
		Hydromorphone hydrochloride : 0.2 mg/ml Ketamine hydrochloride : 0.2 >> 1 mg/ml	▲	2336
		Hydromorphone hydrochloride : 1 mg/ml Ketorolac tromethamine : 30 mg/ml	∅	216
		Hydromorphone hydrochloride : 1 mg/ml Ketorolac tromethamine : 15 mg/ml	∅	216
		Hydromorphone hydrochloride : 10 mg/ml Ketorolac tromethamine : 30 mg/ml	∅	216
		Hydromorphone hydrochloride : 10 mg/ml Ketorolac tromethamine : 15 mg/ml	∅	216
		Hydromorphone hydrochloride : 0.5 mg/ml Ketorolac tromethamine : 1 mg/ml	♦	1974
		Hydromorphone hydrochloride : 1 mg/ml Labetalol hydrochloride : 2 mg/ml		314
		Hydromorphone hydrochloride : 0.5 mg/ml Lansoprazole : 0.55 mg/ml	▲	1625
		Hydromorphone hydrochloride : 2 mg/ml Levofloxacin : 5 mg/ml	∅	2335
		Hydromorphone hydrochloride : 10 mg/ml Levosimendan : 2,5 mg/ml		4389

	Hydromorphone hydrochloride : 0.5 mg/ml Linezolid : 2 mg/ml	∅	1925
	Hydromorphone hydrochloride : 0.5 mg/ml Lorazepam : 0.1 mg/ml	♦	1974
	Hydromorphone hydrochloride : 2 >> 40 mg/ml Lorazepam : 4 mg/ml	∅	1497
	Hydromorphone hydrochloride : 1 mg/ml Lorazepam : 0.5 mg/ml		314
	Hydromorphone hydrochloride : 2 mg/ml Magnesium sulfate : 16,67 >> 100 mg/ml	♦	517
	Hydromorphone hydrochloride : 0.5 mg/ml Melphalan : 0.1 mg/ml	▲	169
	Hydromorphone hydrochloride : 10 mg/ml Meropenem : 50 mg/ml	💧	4319
	Hydromorphone hydrochloride Metamizol sodium		2364
	Hydromorphone hydrochloride : 0.5 mg/ml Metoclopramide hydrochloride : 5 mg/ml	♦	1974
	Hydromorphone hydrochloride : 0.2 mg/ml Metronidazole : 5 mg/ml	♦	405
	Hydromorphone hydrochloride : 0.5 mg/ml Micafungin : 1.5 mg/ml	▲	2108
	Hydromorphone hydrochloride : 0.5 >> 45 mg/ml Midazolam hydrochloride : 0.1 >> 4.5 mg/ml	▲♦	345
	Hydromorphone hydrochloride : 0.5 mg/ml Midazolam hydrochloride : 0.2 mg/ml	♦	1974
	Hydromorphone hydrochloride : 1 mg/ml Midazolam hydrochloride : 2 mg/ml		314
	Hydromorphone hydrochloride : 1 mg/ml Milrinone lactate : 0.2 mg/ml		314
	Hydromorphone hydrochloride : 0.2 mg/ml Minocycline hydrochloride : 0.2 mg/ml	♦	405
	Hydromorphone hydrochloride : 1 mg/ml Morphine sulfate : 2 mg/ml		314
	Hydromorphone hydrochloride : 0.2 mg/ml Moxalactam : 20 mg/ml	♦	405
	Hydromorphone hydrochloride : 0.2 mg/ml Nafcillin sodium : 20 mg/ml	♦	405
	Hydromorphone hydrochloride : 10 mg/ml Naloxone hydrochloride : 0.4 mg/ml	∅	3408
	Hydromorphone hydrochloride : 1 mg/ml Nicardipine hydrochloride : 1 mg/ml		314
	Hydromorphone hydrochloride : 1 mg/ml Nitroglycerin : 0.4 mg/ml		314
	Hydromorphone hydrochloride : 1 mg/ml Norepinephrine bitartrate : 0.128 mg/ml		314
	Hydromorphone hydrochloride : 0,5 mg/ml Ondansetron hydrochloride : 0,1 & 1 mg/ml	▲	6
	Hydromorphone hydrochloride : 0.5 mg/ml Ondansetron hydrochloride : 1 mg/ml	▲	334
	Hydromorphone hydrochloride : 0.2 mg/ml Oxacillin sodium : 20 mg/ml	♦	405

		Hydromorphone hydrochloride : 0,5 mg/ml Oxaliplatin : 0,5 mg/ml		1662
		Hydromorphone hydrochloride : 0.5 mg/ml Paclitaxel : 1.2 mg/ml		248
		Hydromorphone hydrochloride : 0.5 mg/ml Palonosetron hydrochloride : 50 µg/ml		2196
		Hydromorphone hydrochloride Pantoprazole sodium		2090
		Hydromorphone hydrochloride : 2 mg/ml Paracetamol : 10 mg/ml		3571
		Hydromorphone hydrochloride : 10 mg/ml Paracetamol : 10 mg/ml		4742
		Hydromorphone hydrochloride Parecoxib sodium		3504
		Hydromorphone hydrochloride : 0.5 mg/ml Pemetrexed disodium : 20 mg/ml		1953
		Hydromorphone hydrochloride : 0.2 mg/ml Penicillin G potassium : 0.1 MUI/ml		405
		Hydromorphone hydrochloride : 0.5 mg/ml Phenobarbital sodium : 2 mg/ml		1974
		Hydromorphone hydrochloride : 2 >> 40 mg/ml Phenobarbital sodium : 120 mg/ml		226
		Hydromorphone hydrochloride : 0.5 mg/ml Phenytoin sodium : 2 mg/ml		1974
		Hydromorphone hydrochloride : 2 >> 40 mg/ml Phenytoin sodium : 50 mg/ml		226
		Hydromorphone hydrochloride : 0.2 mg/ml Piperacillin sodium : 60 mg/ml		405
		Hydromorphone hydrochloride : 0.5 mg/ml Piperacillin sodium / tazobactam : 40/5 mg/ml		81
		Hydromorphone hydrochloride : 1 mg/ml Plazomicin sulfate : 24 mg/ml		4145
		Hydromorphone hydrochloride Posaconazole		4380
		Hydromorphone hydrochloride : 5 >> 20 mg/ml Potassium chloride : 500 & 1000 mEq/l		66
		Hydromorphone hydrochloride : 25 mg/ml Potassium chloride : 1000 mEq/l		66
		Hydromorphone hydrochloride : 0,5 mg/ml Prochlorperazine edysilate : 1,5 mg/ml		767
		Hydromorphone hydrochloride : 2 >> 40 mg/ml Prochlorperazine edysilate : 5 mg/ml		1497
		Hydromorphone hydrochloride : 1 mg/ml Promethazine hydrochloride : 0.3 mg/ml		795
		Hydromorphone hydrochloride : 0.5 mg/ml Propofol : 10 mg/ml		300
		Hydromorphone hydrochloride : 1 mg/ml Ranitidine hydrochloride : 1 mg/ml		314
		Hydromorphone hydrochloride : 2 mg/ml Ranitidine hydrochloride : 25 mg/ml		58
		Hydromorphone hydrochloride : 1 mg/ml Remdesivir : 1 mg/ml		4768

		Hydromorphone hydrochloride : 10 mg/ml Salbutamol sulfate : 1 mg/ml	∅	3216
		Hydromorphone hydrochloride : 0.5 mg/ml Sargramostim : 10 µg/ml		335
		Hydromorphone hydrochloride : 0.5 mg/ml Scopolamine hydrobromide : 0.05 mg/ml		1974
		Hydromorphone hydrochloride : 1 mg/ml Sulbactam/durlobactam : 15/15 mg/ml		4801
		Hydromorphone hydrochloride : 0,1 & 1 mg/ml Tacrolimus : 5 & 20 µg/ml		814
		Hydromorphone hydrochloride : 1 mg/ml Tedizolid phosphate : 0.8 mg/ml		3827
		Hydromorphone hydrochloride : 0.5 mg/ml Teniposide : 0.1 mg/ml		905
		Hydromorphone hydrochloride : 10 mg/ml Thiopental sodium : 25 mg/ml		3767
		Hydromorphone hydrochloride : 1 mg/ml Thiopental sodium : 25 mg/ml		314
		Hydromorphone hydrochloride : 0.5 mg/ml Thiotepa : 1 mg/ml		249
		Hydromorphone hydrochloride : 0.2 mg/ml Tobramycin sulfate : 0.8 mg/ml		405
		Hydromorphone hydrochloride : 2 mg/ml Vancomycin hydrochloride : 4 mg/ml		2335
		Hydromorphone hydrochloride : 0.2 mg/ml Vancomycin hydrochloride : 5 mg/ml		405
		Hydromorphone hydrochloride : 1 mg/ml Vecuronium bromide : 1 mg/ml		314
		Hydromorphone hydrochloride : 0.016 mg/ml Verapamil hydrochloride : 0.08 mg/ml		1057
		Hydromorphone hydrochloride : 0.5 mg/ml Vinorelbine tartrate : 1 mg/ml		84



Route of administration



References

	Type	Publication
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



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Dictionary

	Analgesic		injection
	Tradename		Stability in solutions
	Container		Molecule
	Concentration		Temperature
	Storage		Duration of stability
	Biosimilar		conflicting data
	References		Glass
	Not specified		Protect from light
	Day		Polyvinyl chloride
	NaCl 0,9% or Glucose 5%		Not specified
	Sodium chloride 0,9%		Polyolefine
	Polypropylen Syringe		Light
	Hour		None
	Not specified		With or without light
	Stability of mixtures		Solvent
	Compound		Glucose 5%
	Polyethylene		Polyisoprene elastomer
	Factors which affect stability		Parenteral nutrition (with lipids)
	Induces		Degradation
	Compatibility		Compatible
	Loss of turbidity		Incompatible
	Immediate precipitation		Water for Injection
	Parenteral nutrition (binary mixture)		NaCl 0,9% + antibacterial
	Immediate instability of the emulsion	RL	Ringer's lactate solution
	Unspecified incompatibility		Precipitation after 2 hours
	Turbidity in 24 hours		specific solvent
	Chemical instability		Precipitation after 1 hour
	Color change after 1 hour		Precipitation after 4 hours
	Precipitation after 30 minutes		Route of administration
	Intravenous		Intravenous infusion

	Intramuscular		Subcutaneous
	Subcutaneous infusion		References
	Dictionary		