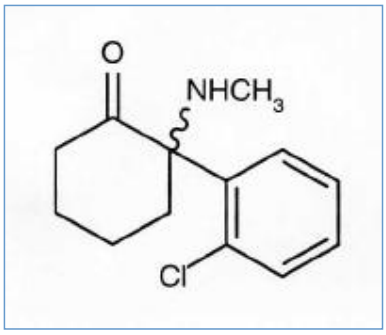
Stabilis

Ketamine hydrochloride



Obchodný názov

Aescoket	Taliansko
Anesket	Kolumbia, Mexiko
Calypsol	Maďarsko, Malajzia, Poľsko, Rumunsko, Thajsko
Inducmina	Argentína, peru
Kanox	Malajzia
Keiram	Egypt, Venezuela
Keta	India, Nemecko
Keta Hameln	peru
Ketafast	India
Ketajet	India
Ketalar	Austrália, Belgicko, Brazília, Čile, Dánsko, Fínsko, Holandsko, Írsko, Kanada, Kolumbia, Luxembursko, Nórsko, nový Zéland, Portugalsko, Spojené arabské emiráty, Spojené štáty Americké, Švédsko, Turecko, Veľká Británia
Ketalin	Mexiko
Ketamar	Egypt
Ketamax	India, Venezuela
Ketamin	Nemecko
Ketamina	Argentína, Čile, Kolumbia, peru, Venezuela
Ketamine	Egypt, Francúzsko, Írsko, Kanada, Malajzia, nový Zéland, Rumunsko, Spojené štáty Americké, Taliansko, Tunisko
Ketanest	Poľsko
Ketanir	Ekvádor, Kolumbia, peru
Ketashort	Kolumbia
Ketava	Malajzia
Ketmin	India
Ketolar	Španielsko
Ketsia	India
Kmin	India
Tekam	Saudská Arábia, Spojené arabské emiráty

Stabilita roztokov

		10 mg/ml	25°C		182			3435
PVC		1 mg/ml	25°C	?	28			3859
PVC		1 mg/ml	33°C	?	7			3859
PP		10 mg/ml	25°C	?	30			1714
PP		1 mg/ml	25°C	?	365			2287
PP		1 mg/ml	40°C	?	365			2287
PP		1 mg/ml	4°C	?	365			2287
PP	∅	10 mg/ml	25°C	?	100			4303
PP	∅	50 mg/ml	25°C		180			3874
PP	∅	50 mg/ml	25°C	?	50			3911
?		0,1 mg/ml	21°C		24			1864

Stabilita v zmesiach

		0,2 >> 1 mg/ml	25°C		Hydromorphone hydrochloride : 0,2 mg/ml	7	2336
		1 mg/ml	25°C		Droperidol : 0,05 mg/ml Fentanyl citrate : 10 µg/ml	30	1993
PVC		40 mg/ml	23°C		Oxycodone hydrochloride : 10 mg/ml	7	4143
PVC		4 mg/ml	23°C		Oxycodone hydrochloride : 0,4 mg/ml	7	4143
PVC		0,1 mg/ml	23°C		Oxycodone hydrochloride : 10 mg/ml	7	4143
PVC		0,2 >> 1 mg/ml	25°C		Hydromorphone hydrochloride : 0,2 mg/ml	7	2336
PVC		1 mg/ml	25°C		Droperidol : 0,05 mg/ml Fentanyl citrate : 10 µg/ml	30	1993
PVC		1 & 25 mg/ml	25°C	?	Morphine sulfate : 1 & 25 mg/ml	6	2350
PVC		1 mg/ml	4°C		Droperidol : 0,05 mg/ml Fentanyl citrate : 10 µg/ml	30	1993
PP		4 mg/ml	23°C		Oxycodone hydrochloride : 0,4 mg/ml	7	4143
PP		40 mg/ml	23°C		Oxycodone hydrochloride : 10 mg/ml	7	4143
PP		0,1 mg/ml	23°C		Oxycodone hydrochloride : 10 mg/ml	7	4143
PP		3,6 & 42,8 mg/ml	23°C		Dexamethasone sodium phosphate : 0,07 mg/ml	8	2022
PP		2 mg/ml	23°C		Morphine sulfate : 2 >> 10 mg/ml	91	2322

PP		25 mg/ml	25°C		Clonidine hydrochloride : 0,015 mg/ml	7	3705
PP		25 mg/ml	25°C		Lormetazepam : 0,12 mg/ml	7	3705
PP		25 mg/ml	25°C		Midazolam hydrochloride : 3,6 mg/ml	7	3705
PP		25 mg/ml	25°C		Clonidine hydrochloride : 0,015 mg/ml Piritramide : 1 mg/ml Midazolam hydrochloride : 3,6 mg/ml Lormetazepam : 0,12 mg/ml Sufentanil citrate : 0,03 mg/ml	8	3705
PP		12,5 mg/ml	25°C		Propofol : 10 mg/ml	24	4011
PP		22,7 mg/ml	25°C		Propofol : 1,8 mg/ml	24	4011
PP		2,27 mg/ml	25°C		Propofol : 18 mg/ml	24	4011
PP		1 >> 25 mg/ml	25°C	?	Morphine sulfate : 1 >> 25 mg/ml	6	2350
PP		3,6 & 42,8 mg/ml	37°C		Dexamethasone sodium phosphate : 0,07 mg/ml	8	2022
PP		3,6 & 42,8 mg/ml	4°C		Dexamethasone sodium phosphate : 0,07 mg/ml	8	2022
PP		2 mg/ml	5°C		Morphine sulfate : 2 >> 10 mg/ml	91	2322
POF		0,19 mg/ml	2-8°C		Tramadol hydrochloride : 7,5 mg/ml Dexketoprofen : 2,26 mg/ml	30	5095
POF		0,19 mg/ml	2-8°C		Tramadol hydrochloride : 7,5 mg/ml Dexketoprofen : 2,26 mg/ml Methadone hydrochloride : 0,075 mg/ml	30	5095
POF		0,95 mg/ml	2-8°C		Tramadol hydrochloride : 7,9 mg/ml Ketorolac tromethamine : 0,95 mg/ml Methadone hydrochloride : 0,08 mg/ml	30	5095
POF		0,95 mg/ml	2-8°C		Tramadol hydrochloride : 7,9 mg/ml Ketorolac tromethamine : 0,95 mg/ml	30	5095
POF		0,19 mg/ml	20-25°C		Tramadol hydrochloride : 7,5 mg/ml Dexketoprofen : 2,26 mg/ml	48	5095
POF		0,19 mg/ml	20-25°C		Tramadol hydrochloride : 7,5 mg/ml Dexketoprofen : 2,26 mg/ml Methadone hydrochloride : 0,075 mg/ml	48	5095
POF		0,95 mg/ml	20-25°C		Tramadol hydrochloride : 7,9 mg/ml Ketorolac tromethamine : 0,95 mg/ml Methadone hydrochloride : 0,08 mg/ml	48	5095
POF		0,95 mg/ml	20-25°C		Tramadol hydrochloride : 7,9 mg/ml Ketorolac tromethamine : 0,95 mg/ml	48	5095
POF		1,4 mg/ml	25°C		Butorphanol tartrate : 0,067 mg/ml Droperidol : 0,034 mg/ml	14	4115
POF		1,4 mg/ml	4°C		Butorphanol tartrate : 0,067 mg/ml Droperidol : 0,034 mg/ml	14	4115
PP		0,2 >> 1 mg/ml	25°C		Hydromorphone hydrochloride : 0,2 mg/ml	7	2336
PP		2,5 mg/ml	28°C		Lidocaine hydrochloride : 20 mg/ml	48	4350
PP	∅	5,2 mg/ml	23°C		Propofol : 4,9 mg/ml	3	2329
PP	∅	3,3 mg/ml	23°C		Propofol : 6,8 mg/ml	3	2329
?	∅	27,7 mg/ml	21°C		Morphine tartrate : 57,8 mg/ml	24	1864

?	∅	41,2 mg/ml	21°C		Morphine tartrate : 17,6 mg/ml	24	1864

Kompatibility

		Ketamine hydrochloride : 50 mg/ml	NaH CO3	2109
		Ketamine hydrochloride		3501
		Ketamine hydrochloride : 50 mg/ml Aciclovir sodium : 50 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Alprostadil : 500 µg/ml		4389
		Ketamine hydrochloride : 50 mg/ml Amikacin sulfate : 250 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Aminophylline : 25 mg/ml		4389
		Ketamine hydrochloride : 50 mg/ml Amiodarone hydrochloride : 50 mg/ml		2109
		Ketamine hydrochloride		3501
		Ketamine hydrochloride : 5 mg/ml Alprostadil : 20 µg/ml		4491
		Ketamine hydrochloride : 5 mg/ml Alprostadil : 20 µg/ml		4651
		Ketamine hydrochloride : 50 mg/ml Aminophylline : 50 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Amoxicillin sodium / clavulanic acid : 100/10 mg/ml		3824
		Ketamine hydrochloride : 50 mg/ml Ampicillin sodium : 250 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Atropine sulfate : 0.4 mg/ml		2109
		Ketamine hydrochloride : 1 >> 4 mg/ml Butorphanol tartrate : 0.05 >> 0.15 mg/ml		181
		Ketamine hydrochloride : 50 mg/ml Caffeine : 10 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Caffeine : 10 mg/ml	∅	3964
		Ketamine hydrochloride : 50 mg/ml Calcium gluconate : 100 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Cefazolin sodium : 100 mg/ml		2109
		Ketamine hydrochloride : 10 mg/ml Cefepime dihydrochloride : 125 mg/ml		2141
		Ketamine hydrochloride : 50 mg/ml Cefotaxime sodium : 100 mg/ml		2109
		Ketamine hydrochloride : 10 mg/ml Ceftazidime : 125 mg/ml		2141
		Ketamine hydrochloride : 50 mg/ml Ceftazidime : 100 mg/ml		2109

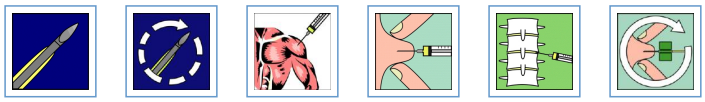
		Ketamine hydrochloride : 10 mg/ml Ceftazidime : 83.3 mg/ml		1759
		Ketamine hydrochloride : 50 mg/ml Cefuroxime sodium : 100 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Chlorpromazine hydrochloride : 25 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Ciclosporin : 50 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Ciclosporin : 50 mg/ml		4389
		Ketamine hydrochloride : 50 mg/ml Clindamycin phosphate : 150 mg/ml		2109
		Ketamine hydrochloride : 25 mg/ml Clonidine hydrochloride : 0.015 mg/ml		3705
		Ketamine hydrochloride : 50 mg/ml Cloxacillin sodium : 100 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Cloxacillin sodium : 100 mg/ml		3012
		Ketamine hydrochloride : 50 mg/ml Co-trimoxazole : 80/16 mg/ml		2109
		Ketamine hydrochloride : 3.57 & 42.85 mg/ml Dexamethasone sodium phosphate : 0.07 mg/ml		2022
		Ketamine hydrochloride : 50 mg/ml Dexamethasone sodium phosphate : 4 mg/ml		4389
		Ketamine hydrochloride : 50 mg/ml Dexamethasone sodium phosphate : 10 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Dexmedetomidine : 100 µg/ml		4389
		Ketamine hydrochloride Diazepam		3501
		Ketamine hydrochloride : 50 mg/ml Digoxin : 50 µg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Dimenhydrinate : 50 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Diphenhydramine hydrochloride : 50 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Dobutamine hydrochloride : 12.5 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Dopamine hydrochloride : 40 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Epinephrine hydrochloride : 1000 µg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Esmolol hydrochloride : 10 mg/ml		4389
		Ketamine hydrochloride : 1 mg/ml Fentanyl citrate : 40 µg/ml		1934
		Ketamine hydrochloride : 0,19 mg/ml Fentanyl citrate : 9,8 µg/ml		4436
		Ketamine hydrochloride : 50 mg/ml Furosemide : 10 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Gentamicin sulfate : 40 mg/ml		2109

		Ketamine hydrochloride : 50 mg/ml Heparin sodium : 25000 UI/ml		2109
		Ketamine hydrochloride : 50 mg/ml Hydrocortisone sodium succinate : 125 mg/ml		2109
		Ketamine hydrochloride Hydromorphone hydrochloride		5073
		Ketamine hydrochloride : 0.2 >> 1 mg/ml Hydromorphone hydrochloride : 0.2 mg/ml		2336
		Ketamine hydrochloride Hydroxocobalamin		3932
		Ketamine hydrochloride : 50 mg/ml Insulin : 100 UI/ml		2109
		Ketamine hydrochloride : 50 mg/ml	RL	4603
		Ketamine hydrochloride : 50 mg/ml Isoprenaline hydrochloride : 0,2 mg/ml		4389
		Ketamine hydrochloride : 2.5 mg/ml Lidocaine hydrochloride : 20 mg/ml		4350
		Ketamine hydrochloride : 50 mg/ml Lorazepam : 4 mg/ml		4389
		Ketamine hydrochloride : 50 mg/ml Lorazepam : 4 mg/ml		2109
		Ketamine hydrochloride : 25 mg/ml Lormetazepam : 0.12 mg/ml		3705
		Ketamine hydrochloride : 50 mg/ml Magnesium sulfate : 500 mg/ml		2109
		Ketamine hydrochloride : 10 mg/ml		4507
		Ketamine hydrochloride : 50 mg/ml Meropenem : 50 mg/ml		4319
		Ketamine hydrochloride : 50 mg/ml Meropenem : 50 mg/ml		2109
		Ketamine hydrochloride Methohexital sodium		3501
		Ketamine hydrochloride : 50 mg/ml Methylprednisolone acetate : 62.5 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Metoclopramide hydrochloride : 5 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Metronidazole : 5 mg/ml		2109
		Ketamine hydrochloride : 25 mg/ml Midazolam hydrochloride : 3.6 mg/ml		3705
		Ketamine hydrochloride : 50 mg/ml Midazolam hydrochloride : 5 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Milrinone lactate : 1 mg/ml		2109
		Ketamine hydrochloride : 2 mg/ml Morphine sulfate : 2 >> 10 mg/ml		2322
		Ketamine hydrochloride : 27,7 mg/ml Morphine tartrate : 57,8 mg/ml		1864
		Ketamine hydrochloride : 10 mg/ml Morphine tartrate : 24 mg/ml		980
		Ketamine hydrochloride : 41,2 mg/ml Morphine tartrate : 57,8 mg/ml		1864

		Ketamine hydrochloride : 50 mg/ml Naloxone hydrochloride : 0.4 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Naloxone hydrochloride : 0.4 mg/ml	∅	3408
		Ketamine hydrochloride : 50 mg/ml Nicardipine hydrochloride : 0,2 mg/ml		4389
		Ketamine hydrochloride : 50 mg/ml Nitroglycerin : 5 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Nitroglycerin : 5 mg/ml		4389
		Ketamine hydrochloride : 50 mg/ml Norepinephrine bitartrate : 1 mg/ml		4389
		Ketamine hydrochloride : 50 mg/ml Ondansetron hydrochloride : 2 mg/ml		4389
		Ketamine hydrochloride : 4 mg/ml Oxycodone hydrochloride : 1 mg/ml	▲	4842
		Ketamine hydrochloride : 23.5 & 44.4 mg/ml Oxycodone hydrochloride : 14.7 & 38.5 mg/ml	▲	2900
		Ketamine hydrochloride : 23.5 & 44.4 mg/ml Oxycodone hydrochloride : 14.7 & 38.5 mg/ml	●	2900
		Ketamine hydrochloride : 0.1 & 40 mg/ml Oxycodone hydrochloride : 0.4 & 10 mg/ml	▲	4143
		Ketamine hydrochloride : 50 mg/ml Oxytocin : 10 UI/ml		2109
		Ketamine hydrochloride : 50 mg/ml Pancuronium bromide : 2 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Paracetamol : 10 mg/ml		4742
		Ketamine hydrochloride : 5 mg/ml Paracetamol : 10 mg/ml	◆	4435
		Ketamine hydrochloride Pentobarbital sodium		3501
		Ketamine hydrochloride : 50 mg/ml Pethidine hydrochloride : 100 mg/ml		2109
		Ketamine hydrochloride : 2 mg/ml Pethidine hydrochloride : 12 mg/ml	▲	321
		Ketamine hydrochloride Phenobarbital sodium		3501
		Ketamine hydrochloride : 50 mg/ml Phenytoin sodium : 50 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Piperacillin sodium : 200 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Piperacillin sodium : 200 mg/ml		4389
		Ketamine hydrochloride : 50 mg/ml Piperacillin sodium / tazobactam : 200 mg/ml		2109
		Ketamine hydrochloride : 25 mg/ml Piritramide : 1 mg/ml	▲	3705
		Ketamine hydrochloride : 50 mg/ml Potassium chloride : 2000 mEq/l		2109
		Ketamine hydrochloride : 50 mg/ml Potassium phosphate : 4 mmol/ml		2109

		Ketamine hydrochloride : 50 mg/ml Promethazine hydrochloride : 25 mg/ml		2109
		Ketamine hydrochloride : 3.3 mg/ml Propofol : 6.7 mg/ml	∅	2329
		Ketamine hydrochloride : 1.45 >> 3.7 mg/ml Propofol : 9.26 >> 9.6 mg/ml	∅	4157
		Ketamine hydrochloride : 10 mg/ml Propofol : 10 mg/ml	∅	300
		Ketamine hydrochloride : 2.3 >> 22.7 mg/ml Propofol : 1.8 >> 18.2 mg/ml	∅	4011
6		Ketamine hydrochloride : 10 mg/ml Propofol		660
		Ketamine hydrochloride : 10 mg/ml Propofol : 10 mg/ml	∅	2329
		Ketamine hydrochloride : 50 mg/ml Ranitidine hydrochloride : 25 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Salbutamol sulfate : 1 mg/ml		4389
		Ketamine hydrochloride : 50 mg/ml Salbutamol sulfate : 1 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Sodium bicarbonate : 84 mg/ml		2109
30'		Ketamine hydrochloride : 25 mg/ml Sodium oxybate : 200 mg/ml	▲	3705
		Ketamine hydrochloride : 25 mg/ml Sufentanil citrate : 0.03 mg/ml	▲	3705
		Ketamine hydrochloride : 50 mg/ml Sufentanil citrate : 0,05 mg/ml		4389
		Ketamine hydrochloride : 50 mg/ml Sugammadex : 100 mg/ml	∅	3372
		Ketamine hydrochloride : 10 mg/ml Temocilline : 83.33 mg/ml	●	2231
		Ketamine hydrochloride Thiopental sodium		3501
		Ketamine hydrochloride : 50 mg/ml Tobramycin sulfate : 40 mg/ml		2109
		Ketamine hydrochloride : 0.5 >> 2 mg/ml Tramadol hydrochloride : 5 mg/ml	▲	365
		Ketamine hydrochloride : 10 mg/ml Vancomycin hydrochloride : 10 mg/ml	◆	3385
		Ketamine hydrochloride : 50 mg/ml Vancomycin hydrochloride : 50 mg/ml		2109
		Ketamine hydrochloride : 50 mg/ml Vasopressin : 20 UI/ml		4389

spôsob podania



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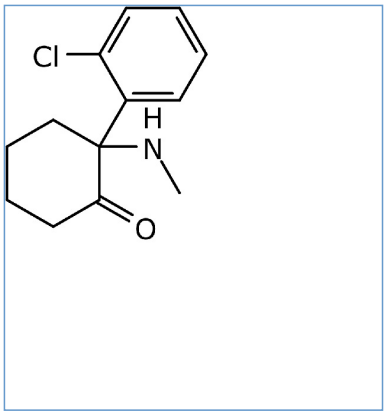
Stabilis

Ketamine hydrochloride



Stabilita farmaceutických prípravkov

	500 mg ® = ?	Inorpha® >> 50 mL	2-8°C		90				4574
	2500 mg ® = ?	Inorpha® >> 50 mL	2-8°C		90				4574
	2500 mg ® = ?	Inorpha® >> 50 mL	22-25°C		90				4574
	500 mg ® = ?	Inorpha® >> 50 mL	22-25°C		90				4574

Odkazy na literatúru

	Typ	Publikácia
4574	Časopis	Ancedy D, Sebti M, Postaire M, Vidal F, Cisternino S. Stability of 10-mg/mL and 50-mg/mL ketamine oral solutions. Am J Hosp Pharm 2021 ;78,9:825–831

slovník

	celkové anestetikum		Injekcia
	Obchodný názov		Stabilita roztokov
	obal		Zlúčenina
	koncentrácia		teplota
	uchovávanie		Trvanie stability
	Biologicky podobný liek		konfliktné údaje
	odkazy na lieteratúru		Sklo
	voda na injekciu		Za svetla
	dní	PVC	polyvinylchlorid (PVC)
	0,9% chlorid sodný	?	nešpecifikované
	Injekčná striekačka polypropylén	∅	Žiadny
	Chránené pred svetlom	?	nešpecifikované
	hodín		Stabilita v zmesiach
	rozpúšťadlo		Zlúčenina
PP	polypropylén	POF	polyolefín
	Kompatibility		Okamžité zrážanie
	nezlučiteľný	NaH CO3	NaHCO3
	kompatibilný		5% glukóza
	Okamžitá zákal		Chemická nestabilita
RL	Ringerov laktátový roztok		Parenterálna výživa (lipidy)
	Nešpecifikovaná nekompatibilita	6	Nestabilita emulzie po 6 hodinách
30'	Zrážky po 30 hodinách		spôsob podania
	intravenózne		intravenózna infúzia
	intramuskulárne		subkutánne
	intratekálne		kontinuálna subkutánna instilácia
	Odkazy na literatúru		Perorálny roztok
	Stabilita farmaceutických prípravkov		Pôvod
	Pomocná látka		Plastová fľaša
	Prášok		slovník