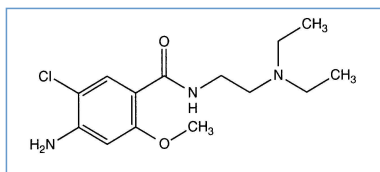


# Stabilis



## Metoclopramide hydrochloride



Tradename

Afipran	Iceland, Norway
Aristopramida	Brazil
Cerucal	Hungary
Clopan	Ecuador
Clopram	Tunisia, United Arab Emirates
Disgradon	Argentina
Doperan	Tunisia
Maxolon	Australia, Great Britain, Ireland
Meclomid	Mexico
Meclonir	Colombia, Ecuador
Meclop	Egypt, Mexico
Meclopram	Egypt
Metoclox	Ecuador
Metogastron	Austria
Metoplon	Turkey
Metpamid	Turkey
Paspertin	Austria, Switzerland
Plasil	Brazil, Colombia, Italy
Plemazol	Egypt
Pramadin	Venezuela
Pramotil	Mexico
Primperan	Belgium, Colombia, Denmark, Ecuador, Egypt, Finland, France, Greece, Luxembourg, Malaysia, Mexico, Morocco, Netherlands, Peru, Portugal, Saudi Arabia, Spain, Sweden, Switzerland, Tunisia, Turkey, United Arab Emirates, Venezuela
Primsel	Turkey
Reglan	Slovenia, United States of America



### Stability in solutions

Container	Light	Concentration	Temperature	Light Protection	Time	Stability	Warning	Reference
PVC	Green triangle	0,3 & 1 mg/ml	-20°C	Red sun with slash	150	Half black circle		1455
PVC	Green triangle	0,3 & 1 mg/ml	4°C	Red sun with slash	150	Half black circle		1455
Syringe	Green triangle	0,5 mg/ml	25°C	Question mark	21	Half black circle		1957

	∅	5 mg/ml	23°C	?	60			180
	∅	5 mg/ml	32°C	?	7			180
	∅	5 mg/ml	4°C		90			180



## Stability of mixtures

		0,5 mg/ml	22°C		Morphine sulfate : 1 mg/ml	42		1495
		0,5 mg/ml	4°C		Morphine sulfate : 1 mg/ml	189		1495
		0,5 mg/ml	22°C		Morphine sulfate : 1 mg/ml	14		1495
		0,5 mg/ml	4°C		Morphine sulfate : 1 mg/ml	35		1495
	∅	25 mg/ml	25°C	?	Palonosetron hydrochloride : 25 µg/ml	4		2179
PVC		0.15 mg/ml	32°C	?	Pethidine hydrochloride : 7.35 mg/ml	48		930
PVC		0,5 mg/ml	22°C		Morphine sulfate : 1 mg/ml	42		1495
PVC		0,5 mg/ml	4°C		Morphine sulfate : 1 mg/ml	189		1495
PE		0,1 mg/ml	4°C		Tramadol hydrochloride : 1 mg/ml	32		3082
		0,7 mg/ml	32°C		Midazolam hydrochloride : 0,6 mg/ml Fentanyl citrate : 40 µg/ml	10		1405
		0,5 mg/ml	22°C		Morphine sulfate : 1 mg/ml	42		1495
		2,5 mg/ml	23°C		Ondansetron hydrochloride : 1 mg/ml	24		815
		0,5 mg/ml	25°C	?	Haloperidol lactate : 0,5 mg/ml Hydromorphone hydrochloride : 10 mg/ml	96		2166
		0,5 mg/ml	25°C	?	Famotidine : 0,4 mg/ml Ketoprofene : 1,5 mg Hydromorphone hydrochloride : 10 mg/ml	96		2166
		0,5 mg/ml	4°C		Morphine sulfate : 1 mg/ml	189		1495
		2,5 mg/ml	4°C		Ondansetron hydrochloride : 1 mg/ml	24		815
		0,5 mg/ml	4°C	?	Famotidine : 0,4 mg/ml Ketorolac tromethamine : 1,5 mg/ml Hydromorphone hydrochloride : 10 mg/ml	96		2166
?		0,86 mg/ml	20°C-23°C		Topotecan : 0,028 mg/ml	4		1026
?		1,6 mg/ml	25°C		Diphenhydramine hydrochloride : 2 mg/ml Dexamethasone sodium phosphate : 0,16 mg/ml	48		3779



## Factors which affect stability

				301
	-20°C			180



## Compatibility

	Metoclopramide hydrochloride : 0.2 mg/ml Aciclovir sodium : 5 mg/ml		336
			2335
	Metoclopramide hydrochloride : 5 mg/ml Aldesleukin : 0.0338 MUI/ml		36
			307
	Metoclopramide hydrochloride : 5 mg/ml Amifostine : 10 mg/ml		3
	Metoclopramide hydrochloride : 5 mg/ml Amoxicillin sodium / clavulanic acid : 100/10 mg/ml		3824
			921
			253
	Metoclopramide hydrochloride : 0,1 mg/ml Atosiban : 0,75 mg/ml		4642
	Metoclopramide hydrochloride : 5 mg/ml Aztreonam : 40 mg/ml		99
	Metoclopramide hydrochloride : 5 mg/ml Bivalirudin : 5 mg/ml		1713
	Metoclopramide hydrochloride : 5 mg/ml Caffeine : 10 mg/ml		3964
	Metoclopramide hydrochloride : 0.2 mg/ml Cefiderocol sulfate tosylate : 20 mg/mL		4528
	Metoclopramide hydrochloride : 5 mg/ml Ceftaroline fosamil : 2,22 mg/ml	RL	3249
	Metoclopramide hydrochloride : 5 mg/ml Ceftaroline fosamil : 2,22 mg/ml		3249
			2269
		RL	2269
			4650
	Metoclopramide hydrochloride : 0.2 mg/ml Ceftolozane / tazobactam : 10/5 mg/ml		3828
	Metoclopramide hydrochloride : 5 mg/ml Ciprofloxacin lactate : 2 mg/ml		289

	Metoclopramide hydrochloride : 5 mg/ml Ciprofloxacin lactate : 2 mg/ml		288
	Metoclopramide hydrochloride : 5 mg/ml Cisatracurium besylate : 0.1 >> 5 mg/ml		299
	Metoclopramide hydrochloride : 5 mg/ml Cladribine : 0.5 mg/ml		1496
	Metoclopramide hydrochloride : 5 mg/ml Cladribine : 0.015 mg/ml		1496
	Metoclopramide hydrochloride : 5 mg/ml Cloxacillin sodium : 100 mg/ml		3012
	Metoclopramide hydrochloride : 1.11 & 3.33 mg/ml Dexamethasone sodium phosphate : 0.44 & 1.33 mg/ml		1971
	Metoclopramide hydrochloride : 5 mg/ml Dexmedetomidine : 4 µg/ml		1712
	Metoclopramide hydrochloride : 0.16 >> 0.45 mg/ml Diamorphine hydrochloride : 45.45 >> 145.16 mg/ml		1230
	Metoclopramide hydrochloride : 5 mg/ml Diltiazem hydrochloride : 1 & 5 mg/ml		198
	Metoclopramide hydrochloride : 0.2 mg/ml Diltiazem hydrochloride : 5 mg/ml		198
	Metoclopramide hydrochloride : 5 mg/ml Docetaxel : 0.9 mg/ml		1754
	Metoclopramide hydrochloride : 5 mg/ml Doripenem : 5 mg/ml		2262
	Metoclopramide hydrochloride : 1 mg/ml Doxapram hydrochloride : 2 mg/ml		1802
	Metoclopramide hydrochloride : 5 mg/ml Doxorubicin hydrochloride : 2 mg/ml		763
	Metoclopramide hydrochloride : 5 mg/ml Doxorubicin hydrochloride liposome peg : 0.4 mg/ml		251
	Metoclopramide hydrochloride : 5 mg/ml Droperidol : 2,5 mg/ml		763
	Metoclopramide hydrochloride : 5 mg/ml Etoposide phosphate : 5 mg/ml		1410
	Metoclopramide hydrochloride : 5 mg/ml Famotidine		397
	Metoclopramide hydrochloride : 5 mg/ml Famotidine : 2 mg/ml		215
	Metoclopramide hydrochloride : 5 mg/ml Fenoldopam mesylate : 80 µg/ml		1803
	Metoclopramide hydrochloride : 5 mg/ml Fentanyl citrate : 25 µg/ml		1974
	Metoclopramide hydrochloride : 5 mg/ml Filgrastim : 30 µg/ml		244
	Metoclopramide hydrochloride : 1 mg/ml Flucloxacillin sodium : 20 mg/ml		1232
	Metoclopramide hydrochloride : 5 mg/ml Fluconazole : 2 mg/ml		496
	Metoclopramide hydrochloride : 5 mg/ml Fludarabine phosphate : 1 mg/ml		492
	Metoclopramide hydrochloride Fluorouracil		3474

	Metoclopramide hydrochloride : 0,1 mg/ml Fluorouracil : 2,5 mg/ml		153
	Metoclopramide hydrochloride : 5 mg/ml Fluorouracil : 50 mg/ml		763
	Metoclopramide hydrochloride : 5 mg/ml Folate calcium : 10 mg/ml		763
	Metoclopramide hydrochloride : 4 mg/ml Foscarnet sodium : 24 mg/ml		73
	Metoclopramide hydrochloride : 2 mg/ml Foscarnet sodium : 24 mg/ml		1135
	Metoclopramide hydrochloride : 0.2 mg/ml Fosfomycin : 30 mg/ml		4055
			763
			763
	Metoclopramide hydrochloride : 5 mg/ml Furosemide : 10 mg/ml		763
	Metoclopramide hydrochloride : 1 mg/ml Furosemide : 1 mg/ml		1232
	Metoclopramide hydrochloride : 5 mg/ml Gallium nitrate : 1 mg/ml		91
	Metoclopramide hydrochloride : 5 mg/ml Gemcitabine hydrochloride : 10 mg/ml		1423
	Metoclopramide hydrochloride : 5 mg/ml Granisetron hydrochloride : 0.05 mg/ml		182
	Metoclopramide hydrochloride : 3 mg/ml Haloperidol lactate : 0.25 >> 0.5 mg/ml		4404
	Metoclopramide hydrochloride : 1.11 & 3.33 mg/ml Haloperidol lactate : 0.21 & 0.62 mg/ml		1971
	Metoclopramide hydrochloride : 5 mg/ml Heparin sodium : 1000 UI/ml		763
	Metoclopramide hydrochloride : 5 mg/ml Hetastarch : 60 mg/ml		1721
	Metoclopramide hydrochloride Hyaluronidase		3184
	Metoclopramide hydrochloride : 5 mg/ml Hydromorphone hydrochloride : 0.5 mg/ml		1974
	Metoclopramide hydrochloride : 5 mg/ml Idarubicin hydrochloride : 1 mg/ml		491
	Metoclopramide hydrochloride : 1 mg/ml Imipenem-Cilastatin / Relebactam : 5 mg/ml		4433
	Metoclopramide hydrochloride : 0.2 mg/ml Isavuconazonium sulfate : 1.5 mg/ml		3829
	Metoclopramide hydrochloride : 5 mg/ml Ketamine hydrochloride : 50 mg/ml		2109
	Metoclopramide hydrochloride : 0.2 mg/ml Ketoprofene : 3.2 mg/ml		1847
			1625
	Metoclopramide hydrochloride : 5 mg/ml Lansoprazole : 0.55 mg/ml		1625
	Metoclopramide hydrochloride : 5 mg/ml Levofloxacin : 5 mg/ml		1072
	Metoclopramide hydrochloride : 3 mg/ml Levomepromazine : 0.625 >> 2.5 mg/ml		4404
	Metoclopramide hydrochloride : 5 mg/ml Linezolid : 2 mg/ml		1925

	Metoclopramide hydrochloride : 5 mg/ml Melfhalan : 0.1 mg/ml		169
	Metoclopramide hydrochloride : 5 mg/ml Meropenem : 1 & 50 mg/ml		266
	Metoclopramide hydrochloride : 0.1 mg/ml Meropenem : 1 & 20 mg/ml		266
	Metoclopramide hydrochloride : 5 mg/ml Meropenem : 50 mg/ml		4319
	Metoclopramide hydrochloride : 5 mg/ml Methadone hydrochloride : 1 mg/ml		1974
	Metoclopramide hydrochloride : 3 mg/ml Morphine hydrochloride : 2 >> 5 mg/ml		4404
	Metoclopramide hydrochloride : 5 mg/ml Morphine sulfate : 1 mg/ml		1974
	Metoclopramide hydrochloride Morphine tartrate		519
	Metoclopramide hydrochloride : 0.58 mg/ml		3379
	Metoclopramide hydrochloride : 3 mg/ml Midazolam hydrochloride : 1.2 mg/ml		4404
	Metoclopramide hydrochloride : 3.33 mg/ml Midazolam hydrochloride : 1.67 mg/ml		404
	Metoclopramide hydrochloride : 0.5 mg/ml Morphine sulfate : 1 mg/ml		1495
	Metoclopramide hydrochloride : 5 mg/ml Naloxone hydrochloride : 0.4 mg/ml		3408
	Metoclopramide hydrochloride : 5 mg/ml		3948
	Metoclopramide hydrochloride : 5 mg/ml Methotrexate sodium : 25 mg/ml		763
	Metoclopramide hydrochloride Methotrexate sodium		3637
	Metoclopramide hydrochloride : 1.11 & 3.33 mg/ml Midazolam hydrochloride : 0.5 & 1.5 mg/ml		1971
	Metoclopramide hydrochloride : 3.33 mg/ml Morphine hydrochloride : 1.67 >> 10 mg/ml		1757
	Metoclopramide hydrochloride : 1.11 & 3.33 mg/ml Morphine hydrochloride : 1.68 & 5 mg/ml		1971
	Metoclopramide hydrochloride : 0.2 mg/ml Morphine sulfate : 1 mg/ml		62
	Metoclopramide hydrochloride : 5 mg/ml Ondansetron hydrochloride : 1 mg/ml		334
	Metoclopramide hydrochloride : 2.5 mg/ml Ondansetron hydrochloride : 1 mg/ml		815
	Metoclopramide hydrochloride : 5 mg/ml Oxaliplatin : 0,5 mg/ml		1662
	Metoclopramide hydrochloride : 1.2 & 2.5 mg/ml Oxycodone hydrochloride : 0.8 & 5 mg/ml		2125
	Metoclopramide hydrochloride : 2.9 & 3.3 mg/ml Oxycodone hydrochloride : 14.7 & 38.5 mg/ml		2900
	Metoclopramide hydrochloride : 1.2 & 2.5 mg/ml Oxycodone hydrochloride : 0.8 & 5 mg/ml		2125
	Metoclopramide hydrochloride : 5 mg/ml Paracetamol : 10 mg/ml		4742

		Metoclopramide hydrochloride : 5 mg/ml		301
		Metoclopramide hydrochloride : 5 mg/ml	RL	4603
		Metoclopramide hydrochloride : 5 mg/ml		1415
		Metoclopramide hydrochloride : 2.9 & 3.3 mg/ml Oxycodone hydrochloride : 14.7 & 38.5 mg/ml		2900
		Metoclopramide hydrochloride : 5 mg/ml Paclitaxel : 1.2 mg/ml		85
		Metoclopramide hydrochloride : 5 mg/ml		3948
		Metoclopramide hydrochloride : 50 mg/ml Palonosetron hydrochloride : 50 µg/ml		2179
		Metoclopramide hydrochloride Pantoprazole sodium		2090
		Metoclopramide hydrochloride : 5 mg/ml Pemetrexed disodium : 20 mg/ml		1953
		Metoclopramide hydrochloride : 0.2 mg/ml Pethidine hydrochloride : 10 mg/ml		62
		Metoclopramide hydrochloride : 0.15 mg/ml Pethidine hydrochloride : 7.35 mg/ml		930
		Metoclopramide hydrochloride : 6.67 mg/ml Pethidine hydrochloride : 16.67 mg/ml		930
		Metoclopramide hydrochloride : 1 mg/ml Phloroglucinol : 2,5 mg/ml		3791
		Metoclopramide hydrochloride : 5 mg/ml Piperacillin sodium / tazobactam : 40/5 mg/ml		81
		Metoclopramide hydrochloride : 0.2 mg/ml Plazomicin sulfate : 24 mg/ml		4145
		Metoclopramide hydrochloride : 0,1 mg/ml Posaconazole : 1,2 mg/ml		4521
		Metoclopramide hydrochloride : 5 mg/ml Propofol		660
		Metoclopramide hydrochloride : 5 mg/ml Propofol : 10 mg/ml		300
		Metoclopramide hydrochloride : 5 mg/ml Quinupristine/dalfopristine : 2 mg/ml		1513
		Metoclopramide hydrochloride : 0,2 mg/ml Ranitidine hydrochloride : 1 mg/ml		3558
		Metoclopramide hydrochloride : 10 mg/ml Ranitidine hydrochloride : 25 mg/ml		58
		Metoclopramide hydrochloride : 5 mg/ml Remifentanil hydrochloride : 25 & 250 µg/ml		59
		Metoclopramide hydrochloride : 5 mg/ml Salbutamol sulfate : 1 mg/ml		3216
		Metoclopramide hydrochloride : 5 mg/ml Sargramostim : 10 µg/ml		335
		Metoclopramide hydrochloride : 3 mg/ml Scopolamine N-butyl bromide : 3-7 mg/ml		4404
		Metoclopramide hydrochloride : 1.11 & 3.33 mg/ml Scopolamine N-butyl bromide : 1.68 & 5 mg/ml		1971
		Metoclopramide hydrochloride : 5 mg/ml Sugammadex : 100 mg/ml		3372

	Metoclopramide hydrochloride : 0,2 mg/ml Sulbactam/durlobactam : 15/15 mg/ml		4801
	Metoclopramide hydrochloride : 0,2 mg/ml Tacrolimus : 1000 µg/ml		479
	Metoclopramide hydrochloride : 0.2 mg/ml Tedizolid phosphate : 0.8 mg/ml		3827
	Metoclopramide hydrochloride : 1 mg/ml Telavancin hydrochloride : 7.5 mg/ml	 	3254
	Metoclopramide hydrochloride : 5 mg/ml Teniposide : 0.1 mg/ml		905
			3767
	Metoclopramide hydrochloride : 5 mg/ml Thiotepa : 1 mg/ml		249
	Metoclopramide hydrochloride Tigecycline		3332
	Metoclopramide hydrochloride : 1.72 mg/ml Topotecan : 0.056 mg/ml	 	1026
	Metoclopramide hydrochloride : 1.11 & 3.33 mg/ml Tramadol hydrochloride : 11.18 & 33.3 mg/ml		1971
	Metoclopramide hydrochloride : 0,1 mg/ml Tramadol hydrochloride : 1 mg/ml		3082
	Metoclopramide hydrochloride : 0.02 mg/ml Verapamil hydrochloride : 0.08 mg/ml	 	1057
	Metoclopramide hydrochloride : 5 mg/ml Vinblastine sulfate : 1 mg/ml		763
	Metoclopramide hydrochloride : 5 mg/ml Vincristine sulfate : 1 mg/ml		763
	Metoclopramide hydrochloride : 5 mg/ml Vinorelbine tartrate : 1 mg/ml		84
	Metoclopramide hydrochloride : 2 mg/ml Zidovudine : 4 mg/ml		337



## Route of administration



## References

	Type	Publication
3	Journal	Trissel LA, Martinez JF. Compatibility of amifostine with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 1995 ; 52: 2208-2212.
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



































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# Dictionary

 Antiemetic	 injection
 Tradename	 Stability in solutions
 Container	 Molecule
 Concentration	 Temperature
 Storage	 Duration of stability
 Biosimilar	 conflicting data
 References	 Polyvinyl chloride
 Sodium chloride 0,9%	 Protect from light
 Day	 Polypropylen Syringe
 Not specified	 None
 Stability of mixtures	 Solvent
 Compound	 Glass
 Glucose 5%	 Hour
 NaCl 0,9% or Glucose 5%	 Polyethylene
 Water for Injection	 Light
 Not specified	 Factors which affect stability
 Parenteral nutrition (binary mixture)	 Induces
 Degradation	 Precipitation
 Compatibility	 Compatible
 Immediate precipitation	 Incompatible
 Precipitation after 15 minutes	<b>RL</b> Ringer's lactate solution
 Unspecified incompatibility	 NaCl 0,9% + antibacterial
 Immediate turbidity	 specific solvent
 Precipitation after 4 hours	 Loss of turbidity
 Parenteral nutrition (with lipids)	 Instability of the emulsion after 4 hours
 Route of administration	 Intravenous
 Intravenous infusion	 Continuous infusion
 Intramuscular	 Subcutaneous
 Continuous subcutaneous infusion	 References
 Dictionary	