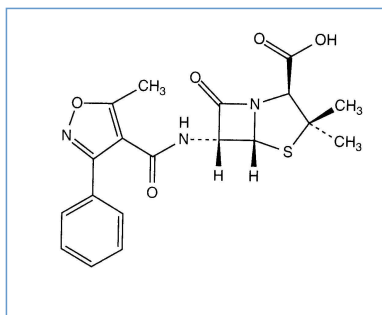


# Stabilis



## Oxacillin sodium



Tradename

Bactocill	United States of America
Bioxalin	Peru
Bristopen	Morocco
Istopen	France
Lioxac	Peru
Oxacil	Tunisia
Oxacilil	Brazil
Oxacilina	Brazil, Colombia, Ecuador, Peru, Romania, Venezuela
Oxacillin	United States of America
Oxacip	Venezuela
Oxalin	Peru
Oxamicin	Venezuela
Oxanon	Brazil
Oxipen	Venezuela
Pebenal	Venezuela
Staphymicine	Morocco



### Stability in solutions

PVC		120 mg/ml	25°C		3			13
PVC		120 mg/ml	5°C		14			13
PVC		20 mg/ml	-20°C		30			576
EVA		10 mg/ml	23°C		7			1705
EVA		10 mg/ml	4°C		30			1705
PI		10 & 80 mg/ml	25°C		24			604
PI		10 & 80 mg/ml	4°C		10			604
?		10 & 100 mg/ml	25°C		4			3589
?		10 & 100 mg/ml	4°C		7			3589
?		166 mg/ml	-15°C		30			3589
?		50 & 100 mg/ml	-15°C		30			3589

?	▲	10 & 100 mg/ml	25°C	?	4	☾		3589
?	▲	10 & 100 mg/ml	4°C	?	7	☾		3589
?	▲	100 mg/ml	-15°C	☀	30	☾		3589
?	◆	0,5 & 2 mg/ml	25°C	?	6	☑		3589
?	◆	10 & 100 mg/ml	-15°C	☀	30	☾		3589
?	◆	10 & 30 mg/ml	4°C	?	4	☾		3589
?	RL	0,5 & 2 mg/ml	25°C	?	6	☑		3589
?	RL	10 & 100 mg/ml	-15°C	☀	30	☾		3589
?	RL	10 & 30 mg/ml	4°C	?	4	☾		3589



### Stability of mixtures

?	☾	[ ]	- +	☀	🧬		🕒	📖
?	◆	2 mg/ml	23°C-25°C	☀	Dopamine hydrochloride : 0,8 mg/ml	24	☑	738



### Factors which affect stability













☾	🌾	➡	🧬	999
☾	NaH CO <sub>3</sub>	➡	🧬	150
- +	⬆	➡	📊	3227



### Compatibility

	🧬		☾	📖
☑	Oxacillin sodium : 20 mg/ml Aciclovir sodium : 5 mg/ml	◆		336
☒	Oxacillin sodium Amikacin sulfate			3549
☒	Oxacillin sodium Ciprofloxacin lactate			3529
☑	Oxacillin sodium : 100 mg/ml Diltiazem hydrochloride : 1 & 5 mg/ml	▲		198
☒	Oxacillin sodium Dopamine hydrochloride			3638
☒	Oxacillin sodium : 250 mg/ml	NaH CO <sub>3</sub>		150
☒	Oxacillin sodium Cytarabine			3580

		Oxacillin sodium : 10 mg/ml Diltiazem hydrochloride : 5 mg/ml		198
		Oxacillin sodium : 2 mg/ml Dopamine hydrochloride : 0.8 mg/ml		738
		Oxacillin sodium Erythromycin lactobionate		3674
		Oxacillin sodium : 167 mg/ml		999
		Oxacillin sodium : 20 mg/ml Doxapram hydrochloride : 2 mg/ml		1802
		Oxacillin sodium : 20 mg/ml Famotidine		397
		Oxacillin sodium : 40 mg/ml Fluconazole : 2 mg/ml		496
		Oxacillin sodium : 40 mg/ml Foscarnet sodium : 24 mg/ml		73
		Oxacillin sodium : 20 mg/ml Foscarnet sodium : 24 mg/ml		1135
		Oxacillin sodium Gentamicin sulfate		3643
		Oxacillin sodium Gentamicin sulfate		3520
		Oxacillin sodium : 100 mg/ml Heparin sodium : 1 UI/ml		1228
		Oxacillin sodium : 100 mg/ml Heparin sodium : 1 UI/ml	RL	1228
		Oxacillin sodium : 100 mg/ml Hydrocortisone sodium succinate : 1 mg/ml	RL	1228
		Oxacillin sodium : 100 mg/ml Hydrocortisone sodium succinate : 1 mg/ml		1228
		Oxacillin sodium : 20 mg/ml Hydromorphone hydrochloride : 0.2 mg/ml		405
		Oxacillin sodium : 10 mg/ml Labetalol hydrochloride : 1 mg/ml		386
		Oxacillin sodium : 167 mg/ml Levofloxacin : 5 mg/ml		1072
		Oxacillin sodium : 20 mg/ml Magnesium sulfate : 16.67 >> 100 mg/ml		1047
		Oxacillin sodium : 250 mg/ml Methotrexate sodium : 30 mg/ml		150
		Oxacillin sodium : 20 mg/ml Morphine sulfate : 1 mg/ml		405
		Oxacillin sodium : 20 mg/ml Pethidine hydrochloride : 10 mg/ml		405
		Oxacillin sodium : 100 mg/ml Potassium chloride : 40 mEq/l	RL	1228
		Oxacillin sodium : 100 mg/ml Potassium chloride : 40 mEq/l		1228
		Oxacillin sodium : 250 mg/ml Sodium bicarbonate : 14 mg/ml		150
		Oxacillin sodium : 40 mg/ml Tacrolimus : 1000 µg/ml		479

		Oxacillin sodium : 20 mg/ml Vancomycin hydrochloride : 10 mg/ml		3813
		Oxacillin sodium : 4 mg/ml Verapamil hydrochloride : 0.08 mg/ml		1057
		Oxacillin sodium : 40 mg/ml Verapamil hydrochloride : 2.5 mg/ml		371
		Oxacillin sodium : 20 mg/ml Zidovudine : 4 mg/ml		337
		Oxacillin sodium : 250 mg/ml		150



## Route of administration



## References












	Type	Publication
13	Journal	Stiles ML, Allen LV. Stability of nafcillin sodium, oxacillin sodium, penicillin G potassium, penicillin G sodium and tobramycin sulfate in polyvinyl chloride drug reservoirs. Am J Health-Syst Pharm 1997 ; 54: 1068-1070.
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604	Manufacturer	Stabilité des médicaments dans l'Intermate® SV50, 100, 200 Baxter 1998
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1057	Journal	Cutie MR. Compatibility of verapamil hydrochloride injection with commonly used additives. Am J Hosp Pharm 1983 ; 40: 1205-1207.
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# Dictionary

 Antibiotic	 injection
 Tradename	 Stability in solutions
 Container	 Molecule
 Concentration	 Temperature
 Storage	 Duration of stability
 Biosimilar	 conflicting data
 References	 Polyvinyl chloride
 Water for Injection	 Not specified
 Day	 Protect from light
 Glucose 5%	 Ethylene vinyl acetate
 Sodium chloride 0,9%	 Polyisoprene elastomer
 NaCl 0,9% or Glucose 5%	 Hour
 Not specified	<b>RL</b> Ringer's lactate solution
 Stability of mixtures	 Solvent
 Compound	 Glass
 Light	 Factors which affect stability
 Parenteral nutrition (binary mixture)	 Induces
 Degradation	 NaHCO <sub>3</sub>
 Increase	 Reduced stability
 Compatibility	 Compatible
 Chemical instability	 Incompatible
 Unspecified incompatibility	 Production of gas bubbles
 None	 Immediate precipitation
 Route of administration	 Intravenous infusion
 Intramuscular	 References
 Dictionary	