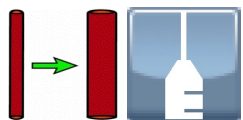
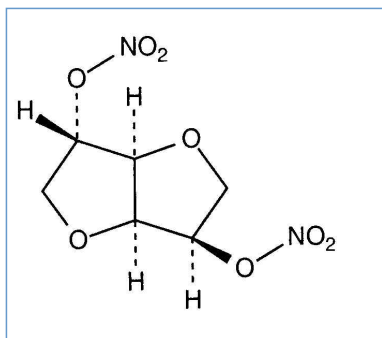


Stabilis



Isosorbide dinitrate



Tradename

Angsobide	Malaysia
Cedocard	Netherlands
Diniket	Italy
Dinit	Finland
Dinitrato de isosorbida	Peru
Ekilbran	Mexico
Hadirax	Mexico
Isobid	Peru
Isoket	Austria, Egypt, Germany, Great Britain, Hungary, Ireland, Luxembourg, Malaysia, Mexico, Peru, Poland, Portugal, Saudi Arabia, Switzerland, United Arab Emirates, Venezuela
Isonit	Ecuador, Peru
Isosorbida dinitrato	Mexico
Isosorbide dinitrate	Great Britain, Ireland
Nitrosid	Finland
Nitrosorbide	Italy
Risordan	France
Sorbidilat	Switzerland
Zanisor	Mexico



Stability in solutions

		0,095 mg/ml	21°C		24			350
		0,02 mg/ml	22°C		24			1067
		0,02 mg/ml	4°C		24			1067
		0,095 mg/ml	21°C		24			350
		0,6 mg/ml	2-8°C		28			4374



Factors which affect stability

	PVC			1147 1148
	PVC			190 350 1102 1161 1332 1468
	PP			1148



Compatibility

<input checked="" type="checkbox"/>	Isosorbide dinitrate : 0.2 mg/ml Cefepime dihydrochloride : 125 mg/ml		2141
<input checked="" type="checkbox"/>	Isosorbide dinitrate : 0.2 mg/ml Ceftazidime : 125 mg/ml		2141
<input checked="" type="checkbox"/>	Isosorbide dinitrate : 1 mg/ml Furosemide : 1 mg/ml		1232
<input checked="" type="checkbox"/>	Isosorbide dinitrate : 1 mg/ml Insulin : 1 UI/ml		4698
<input checked="" type="checkbox"/>	Isosorbide dinitrate : 1 mg/ml Nefopam : 0,16 mg/ml		4698
<input checked="" type="checkbox"/>	Isosorbide dinitrate : 0.2 mg/ml Temocilline : 83.33 mg/ml		2231
<input checked="" type="checkbox"/>	Isosorbide dinitrate : 0.2 mg/ml Vancomycin hydrochloride : 10 mg/ml		3385



Route of administration









































References

	Type	Publication
190	Journal	Lee MG. Sorption of four drugs to polyvinyl chloride and polybutadiene intravenous administration sets. Am J Hosp Pharm 1986 ; 43: 1945-1950.
350	Journal	Martens HJ, De Goede PN, Van Loenen AC. Sorption of various drugs in polyvinyl chloride, glass, and polyethylene-lined infusion containers. Am J Hosp Pharm 1990 ; 47: 369-373.

1067	Journal	Zeidler C, Dettmering D, Schrammel W, Spieteller M. Compatibility of various drugs used in intensive care medicine in polyethylene, PVC and glass infusion containers. EJHP 1999 ; 5: 106-110.
1102	Journal	Cossum PA, Roberts MS. Availability of isosorbide dinitrate, diazepam and chlormethiazole, from i.v. delivery systems. Eur J Clin Pharmacol 1981 ; 19: 181-185.
1147	Journal	De Muynck C, Colardyn F, Remon JP. Influence of intravenous administration set composition on the sorption of isosorbide dinitrate. J Pharm Pharmacol 1991 ; 43: 601-604.
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1161	Journal	Allwood MC. Sorption of parenteral nitrates during administration with a syringe pump and extension set. Int J Pharm 1987 ; 39: 183-188.
1232	Journal	Beatson C, Taylor A. A physical compatibility study of furosemide & flucloxacillin injections. Br J Pharm Pract 1987 ; 9: 223-226, 236.
1332	Journal	Lee MG, Fenton-May V. Absorption of isosorbide dinitrate by PVC infusion bags and administration sets. J Clin Hosp Pharm 1981 ; 6: 209-211.
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2141	Journal	Barinian N, Chanteux H, Viaene E, Servais H, Tulkens PM. Stability and compatibility study of cefepime in comparaision with ceftazidime for potential administration by continuous infusion under conditions pertinent to ambulatory treatment of cystic fibrosis patients and to administration in intensive care units. J Antimicrob Chemother 2003 ; 51: 651-658.
2231	Journal	de Jongh R, Hens R, Basma V, mouton JW, Tulkens PM, Carryn S. Continuous versus intermittent infusion of temocillin, a directed spectrum penicillin for intensive care patients with nosocomial pneumonia: stability, compatibility, population pharmacokinetic studies and breakpoint selection. J Antimicrob Chemother 2008 ; 61, 2: 382-388.
3385	Journal	Raverdi V, Ampe E, Hecq JD, Tulkens PM. Stability and compatibility of vancomycin for administration by continuous infusion. J Antimicrob Chemother 2013 ; 68: 1179-1182.
4374	Journal	Lardinois B, Dimitriou A, Delcave C, Soumoy L, Jamart J, Bihin B, Hecq J-H, Galanti L.M. Long-term Physicochemical Stability of Concentrated Solutions of Isosorbide Dinitrate in Polypropylene Syringes for Administration in the Intensive Care Unit. Int J Pharm Compound 2020 ;24,1:64-68
4698	Journal	Ayari G, D'Huart E, Vignerot J, Demoré B. Y-site compatibility of intravenous medications commonly used in intensive care units : laboratory tests on 75 mixtures involving nine main drugs. Pharmaceutical Technology in Hospital Pharmacy 2022



Dictionary

 Vasodilator	 Injection
 Tradename	 Stability in solutions
 Container	 Molecule
 Concentration	 Temperature
 Storage	 Duration of stability
 Biosimilar	 Conflicting data
 References	 Glass
 Sodium chloride 0,9%	 Protect from light
 Hour	 Polyethylene
 NaCl 0,9% or Glucose 5%	 Polypropylen Syringe
 Day	 Factors which affect stability
 Polyvinyl chloride	 Induces
 Adsorption	 Absorption
 Polypropylene	 Compatibility
 Compound	 Solvent
 Compatible	 Water for Injection
 Glucose 5%	 Route of administration
 Intravenous infusion	 Intra-arterial
 References	 Dictionary