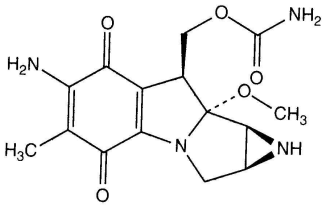


Stabilis



Mitomycin



Ticari isim

Ametycine	Fransa
Crisofimina	Arjantin
Fatrix	Şili
Maximitom	Arjantin
Maximiton	Ekvador
Minazol	Kolombiya
Mitameta	İtalya
Mitem	Almanya, İsviçre
Mitocin	Brezilya
Mitokebir	Arjantin, Ekvador
Mitolem	Kolombiya, Venezuela
Mitomicina	Arjantin, Ekvador, İspanya, İtalya, Meksika, Peru, Portekiz, Romanya, Şili
Mitomycin	Almanya, Amerika Birleşik Devletleri, Avusturya, Belçika, Büyük Britanya, Danimarka, Finlandiya, İran, İrlanda, İsveç, İtalya, Macaristan, Malezya, Norveç, Polonya, Slovenya, Türkiye, yeni Zelanda, Yunanistan
Mitomycine	Hollanda, Lüksemburg
Mitotie	Arjantin, Ekvador, Peru, Şili
Mitozytrex	Amerika Birleşik Devletleri
Mixandex	Kolombiya, Meksika
Mutamycin	Amerika Birleşik Devletleri
Riptam	Kolombiya
Ronzine	Arjantin, Peru
Urocin	Almanya



Çözeltilerin stabilitesi

								
		1 mg/ml	2-8°C		2 			4763
		1 mg/ml	20-25°C		6 			4763
		1 mg/ml	25°C		24 			1827
		1 mg/ml	25°C		8 			3897
		0.6 mg/ml	-30°C		30 			1239

		0,5 mg/ml	25°C		7			648
		0,5 mg/ml	4°C		28			648
		1 mg/ml	25°C		8			3897
		2 mg/ml	2-8°C		8			4763
		2 mg/ml	20-25°C		8			4763
		0,2 mg/ml	2-8°C		5			4763
		0,2 mg/ml	20-25°C		6			4763
		0,2 mg/ml	25°C		10			3897
		0,4 mg/ml	2-8°C		2			4763
		0,4 mg/ml	20-25°C		6			4763
		1 mg/ml	37°C		5			4282
		2 mg/ml	37°C		5			4282
		0,4 mg/ml	-20°C		23			4367
		0,4 mg/ml	25°C		24			4367
		0,4 mg/ml	4°C		14			4367
		0,6 mg/ml	4°C		4			1827
		0,6 & 0,8 mg/ml	25°C		4			1827



Stabiliteyi etkileyen faktörler

					1178
					485
		4°C > 0,6 mg / ml			1827
		-20°C			1239
		-20°C [1 mg/ ml]			4526
					485
					407
	pH < 5				835
	pH > 10				3575
	pH > 9				4471
	pH < 5.6				835
					3575
					4471



Uyumluluk

				
		Mitomycin : 0.5 mg/ml Allopurinol sodium : 3 mg/ml		307
		Mitomycin Ampicillin sodium		4471
		Mitomycin Ampicillin sodium		3128
		Mitomycin Asparaginase		3128
		Mitomycin Bleomycin sulfate		4471
		Mitomycin Bleomycin sulfate		4154
		Mitomycin : 0,5 mg/ml Caspofungin acetate : 0,7 mg/ml		2247
		Mitomycin Cefalotin sodium		3128
		Mitomycin Cyclophosphamide		3128
		Mitomycin Doxorubicin hydrochloride		4471
		Mitomycin Doxorubicin hydrochloride		3128
		Mitomycin		4471
		Mitomycin Ascorbic acid		3128
		Mitomycin : 0.5 mg/ml Aztreonam : 40 mg/ml		99
		Mitomycin Bleomycin sulfate		3128
		Mitomycin Cyanocobalamine		4471
		Mitomycin		1178
		Mitomycin : 0.5 mg/ml Amifostine : 10 mg/ml		3
		Mitomycin		4471
		Mitomycin Ascorbic acid		4471
		Mitomycin Asparaginase		4471
		Mitomycin Cefalotin sodium		4471
		Mitomycin Cyclophosphamide		4471
		Mitomycin Doxycycline hyclate		4471

		Mitomycin		4471
		Mitomycin Doxycycline hyclate		3128
		Mitomycin : 0.5 mg/ml Etoposide phosphate : 5 mg/ml		1410
		Mitomycin : 0.5 mg/ml Filgrastim : 30 µg/ml		244
		Mitomycin Filgrastim		4471
		Mitomycin Filgrastim		3128
		Mitomycin : 0.5 mg/ml Gemcitabine hydrochloride : 10 mg/ml		1423
		Mitomycin Gentamicin sulfate		4471
		Mitomycin Gentamicin sulfate		3128
		Mitomycin : 0.5 mg/ml Granisetron hydrochloride : 0.05 mg/ml		182
		Mitomycin : 0.5 mg/ml Melphalan : 0.1 mg/ml		169
		Mitomycin Minocycline hydrochloride		3128
		Mitomycin Minocycline hydrochloride		4471
		Mitomycin : 0.5 mg/ml Ondansetron hydrochloride : 1 mg/ml		334
		Mitomycin Oxytetracycline hydrochloride		4471
		Mitomycin Phytomenadione		3128
		Mitomycin Phytomenadione		4471
		Mitomycin : 0.5 mg/ml Piperacillin sodium / tazobactam : 40/5 mg/ml		81
		Mitomycin Pyridoxine hydrochloride		3128
		Mitomycin : 0.5 mg/ml Sargramostim : 10 µg/ml		335
		Mitomycin : 0.5 mg/ml Teniposide : 0.1 mg/ml		905
		Mitomycin Thiamine hydrochloride		3128
		Mitomycin Thiamine hydrochloride		4471
		Mitomycin : 0.5 mg/ml Thiotepa : 1 mg/ml		249
		Mitomycin Tigecycline		3128
		Mitomycin : 0.084 mg/ml Topotecan : 0.056 mg/ml		1026

		Mitomycin : 0.084 mg/ml Topotecan : 0.056 mg/ml		1026
		Mitomycin : 0.5 mg/ml Vinorelbine tartrate : 1 mg/ml		84
		Mitomycin Vinorelbine tartrate		4471
		Mitomycin Vinorelbine tartrate		3128



Uygulama yöntemi



Kaynaklar

	tip	yayın
3	Dergi	Trissel LA, Martinez JF. Compatibility of amifostine with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 1995 ; 52: 2208-2212.
81	Dergi	Trissel LA, Martinez JF. Compatibility of piperacillin sodium plus tazobactam with selected drugs during simulated Y-site injection. Am J Hosp Pharm 1994 ; 51: 672-678.
84	Dergi	Trissel LA, Martinez JF. Visual, turbidimetric, and particle-content assessment of compatibility of vinorelbine tartrate with selected drugs during simulated Y-site injection. Am J Hosp Pharm 1994 ; 51: 495-499.
99	Dergi	Trissel LA, Martinez JF. Compatibility of aztreonam with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 1995 ; 52: 1086-1090.
169	Dergi	Trissel LA, Martinez JF. Physical compatibility of melphalan with selected drugs during simulated Y-site administration. Am J Hosp Pharm 1993 ; 50: 2359-2363.
182	Dergi	Trissel LA, Gilbert DL, Martinez JF. Compatibility of granisetron hydrochloride with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 1997 ; 54: 56-60.
244	Dergi	Trissel LA, Martinez JF. Compatibility of filgrastim with selected drugs during simulated Y-site administration. Am J Hosp Pharm 1994 ; 51: 1907-1913.
249	Dergi	Trissel LA, Martinez JF. Compatibility of thiotepa (lyophilized) with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 1996 ; 53: 1041-1045.
307	Dergi	Trissel LA, Martinez JF. Compatibility of allopurinol sodium with selected drugs during simulated Y-site administration. Am J Hosp Pharm 1994 ; 51: 1792-1799.
334	Dergi	Trissel LA, Tramonte SM, Grilley BJ. Visual compatibility of ondansetron hydrochloride with selected drugs during simulated Y-site injection. Am J Hosp Pharm 1991 ; 48: 988-992.

335	Dergi	Trissel LA, Bready BB, Kwan JW, Santiago NM. Visual compatibility of sargramostim with selected antineoplastic agents, anti-infectives, or other drugs during simulated Y-site injection. Am J Hosp Pharm 1992 ; 49: 402-406.
407	Dergi	Quebberman EJ, Hoffman NE, Ausman RK, Hamid AAR. Stability of mitomycin admixtures. Am J Hosp Pharm 1985 ; 42: 1750-1754.
485	Dergi	Dorr RT, Liddil JD. Stability of mitomycin C in different infusion fluids: compatibility with heparin and glucocorticosteroids. J Oncol Pharm Practice 1995 ; 1: 19-24.
648	Dergi	Das Gupta V. Stability of mitomycin aqueous solution when stored in tuberculin syringes. Int J Pharm Compound 1997 ; 1: 282-283.
835	Dergi	Edwards D, Selkirk AB, Taylor RB. Determination of the stability of mitomycin C by high performance liquid chromatography. Int J Pharm 1979 ; 4: 21-26.
905	Dergi	Trissel LA, Martinez JF. Screening teniposide for Y-site physical incompatibilities. Hosp Pharm 1994 ; 29: 1010-1017.
1026	Dergi	Mayron D, Gennaro AR. Stability and compatibility of topotecan hydrochloride with selected drugs. Am J Health-Syst Pharm 1999 ; 56: 875-881.
1178	Dergi	Benvenuto JA, Anderson RW, Kerkof K, Smith RG, Loo TL. Stability and compatibility of antitumor agents in glass and plastic containers. Am J Hosp Pharm 1981 ; 38: 1914-1918.
1239	Dergi	Stolk LML, Fruijtier A, Umans□. Stability after freezing and thawing of solutions of mitomycin C in plastic minibags for intravesical use. Pharm Weekbl [Sci] 1986 ; 8: 286-288.
1410	Dergi	Trissel LA, Martinez JF, Simmons M. Compatibility of etoposide phosphate with selected drugs during simulated Y-site injection. J Am Pharm Assoc 1999 ; 39: 141-145.
1423	Dergi	Trissel LA, Martinez JF, Gilbert DL. Compatibility of gemcitabine hydrochloride with 107 selected drugs during simulated Y-site injection. J Am Pharm Assoc 1999 ; 39: 514-518.
1827	Dergi	Beijnen JH, Van Gijn R, Underberg WJM. Chemical stability of the antitumor mitomycin C in solutions for intravesical instillation. J Parenter Sci Technol 1990 ; 44: 332-335.
2247	Dergi	Chan P, Heatherly K, Kupiec T.C, Trissel L.A. Compatibility of caspofungin acetate injection with other drugs during simulated Y-site coadministration. Int J Pharm Compound 2008 ; 12, 3: 276-278.
3128	Laboratuar	Mitomycine (Amétycine®) - Résumé Caractéristiques du Produit Prostrakan 2013
3575	Laboratuar	Mitomycine (Ametycine®) - Résumé des caractéristiques du produit Prostrakan 2013
3897	Dergi	Briot T, Truffaut C, Le Quay L, Lebreton A, Lagarce F. Stability of Reconstituted and Diluted Mitomycin C Solutions in Polypropylene Syringes and Glass Vials. Pharmaceutical Technology in Hospital Pharmacy 2016 ;1,2:83-89
4154	Laboratuar	Bleomycin sulfate- Summary of Product Characteristics Accord Health Care 2018
4282	Dergi	Myers A-L, Zhang Y-P, Kawedia J-D, Zhou X., Sobocinski S-M, Metcalfe M-J, Kramer M-A, Dinney C.P.N, Kamat A-M. Solubilization and Stability of Mitomycin C Solutions Prepared for Intravesical Administration. Drugs R D 2017

4367	Dergi	Kinast R.M, Akula K.K, DeBarber A.E, Barker G.T, Gardiner S.K, Whitson E, Mansberger S.L. The Degradation of Mitomycin C Under Various Storage Methods. J Glaucoma 2016 ; 25, 6: 477-481.
4471	Laboratuar	Amétycine 10 mg poudre pour solution injectable - Résumé des caractéristiques du produit - Oct 10, 2019 Kyowa Kirin Pharma 2019
4526	Dergi	Nisse, Y.E, Vigneron J, Zenier H, D'Huart E, Demoré B. Stability of mitomycin in polypropylene syringes for use in glaucoma surgery. EJOP 2021 4: 1.
4763	Dergi	Almasi J, Erdnuss F, Thiesen J, Krämer I. Physicochemical stability of urea-containing Mitomycin C preparations in glass vials (1.0 mg/mL) and plastic syringes (2.0, 0.4, 0.2 mg/mL) Pharmaceutical Technology in Hospital Pharmacy 2023 ;8,1



Sözlük

	kanser ilaç		Enjeksiyon
	Ticari isim		Çözeltilerin stabilitesi
	Saklama kabı		Molekül
	Konsantrasyon		Isı
	Saklama		Stabilite süresi
	biyobenzer		çelişkili veriler
	Kaynaklar		Cam
	Enjeksiyonluk su		Işıktan koruyunuz
	Gün		Zaman
	Belirtilmemiş		Polivinil klorür
	Sodyum klorür % 0,9		Şırınga polipropilen
	Belirtilmemiş		Stabiliteyi etkileyen faktörler
	Çözücü		Glukoz %5
	İndükler		Parçalanma
	Artış		Çökme
	Azalma		Stabilitede artış
	Uyumluluk		Bileşik
	Uyumlu		Belirtilmemiş uyumsuzluk
	uyumsuz		Kimyasal kararsızlık
	4 saat sonra renk değişimi		Glukoz %20
	1 saat sonra renk değişimi		30 dakikada bulanıklık
	Renk değişimi		Acil yağış
	Uygulama yöntemi		İntravenöz
	İntravenöz infüzyon		İntraarteriyel
	İntravezikal		Kaynaklar
	Sözlük		