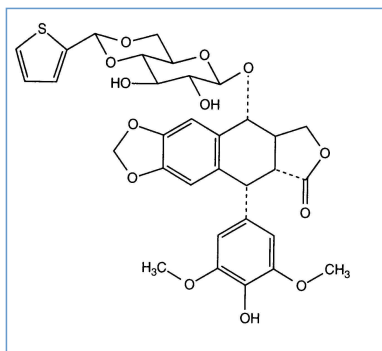


Stabilis



Teniposide



Tradename

Teniposide

United States of America



Stability in solutions

		0,1 mg/ml	?		5			504
		0,4 mg/ml	20°C-22°C		4			482
	RL	0,4 mg/ml	20°C-22°C		4			482
		0,05 mg/ml	4°C		8			1520
		0,05 mg/ml	25°C		4			1520
		0,1 mg/ml	25°C		3			1520

















Factors which affect stability

				140
				165



Compatibility

			
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Aciclovir sodium : 7 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Allopurinol sodium : 3 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Amifostine : 10 mg/ml		3
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Amikacin sulfate : 5 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Aminophylline : 2.5 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Amphotericin B : 0.6 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Ampicillin sodium : 20 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Ampicillin sodium - sulbactam sodium : 20/10 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Aztreonam : 40 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Aztreonam : 40 mg/ml		99
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Bleomycin sulfate : 1 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Bumetanide : 0.04 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Buprenorphine hydrochloride : 0.04 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Butorphanol tartrate : 0.04 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Calcium gluconate : 40 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Carboplatin : 5 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Carmustine : 1.5 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Cefazolin sodium : 20 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Cefonicid sodium : 20 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Cefoperazone sodium : 40 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Cefotaxime sodium : 20 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Cefoxitin sodium : 20 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Ceftazidime : 40 mg/ml		905
<input checked="" type="checkbox"/>	Teniposide : 0.1 mg/ml Ceftizoxime sodium : 20 mg/ml		905

	Teniposide : 0.1 mg/ml Ceftriaxone disodium : 20 mg/ml		905	
	Teniposide : 0.1 mg/ml Cefuroxime sodium : 20 mg/ml		905	
	Teniposide : 0.1 mg/ml Chlormethine hydrochloride : 1 mg/ml		905	
	Teniposide : 0.1 mg/ml Chlorpromazine hydrochloride : 2 mg/ml		905	
	Teniposide : 0.1 mg/ml Cimetidine hydrochloride : 12 mg/ml		905	
	Teniposide : 0.1 mg/ml Ciprofloxacin lactate : 2 mg/ml		905	
	Teniposide : 0.1 mg/ml Cisplatin : 1 mg/ml		905	
	Teniposide : 0.1 mg/ml Cladribine : 0.015 mg/ml		1496	
	Teniposide : 0.1 mg/ml Cladribine : 0.5 mg/ml		1496	
	Teniposide : 0.1 mg/ml Clindamycin phosphate : 10 mg/ml		905	
	Teniposide : 0.1 mg/ml Co-trimoxazole : 0.8/4 mg/ml		905	
	Teniposide : 0.1 mg/ml Cyclophosphamide : 10 mg/ml		905	
	Teniposide : 0.1 mg/ml Cytarabine : 50 mg/ml		905	
	Teniposide : 0.1 mg/ml Dacarbazine : 4 mg/ml		905	
	Teniposide : 0.1 mg/ml Dactinomycin : 10 µg/ml		905	
	Teniposide : 0.1 mg/ml Daunorubicin hydrochloride : 1 mg/ml		905	
	Teniposide : 0.1 mg/ml Dexamethasone sodium phosphate : 1 mg/ml		905	
	Teniposide : 0.1 mg/ml Diphenhydramine hydrochloride : 2 mg/ml		905	
	Teniposide : 0.1 mg/ml Doxorubicin hydrochloride : 2 mg/ml		905	
	Teniposide : 0.1 mg/ml Doxycycline hyclate : 1 mg/ml		905	
	Teniposide : 0.1 mg/ml Droperidol : 0.4 mg/ml		905	
	Teniposide : 0.1 mg/ml Enalaprilate : 0.1 mg/ml		905	
	Teniposide : 0.1 mg/ml Etoposide : 0.4 mg/ml		905	
		Teniposide : 0.1 mg/ml Etoposide phosphate : 5 mg/ml		1410
	Teniposide : 0.1 mg/ml Famotidine : 2 mg/ml		905	
	Teniposide : 0.1 mg/ml Floxadine : 3 mg/ml		905	

	Teniposide : 0.1 mg/ml Fluconazole : 2 mg/ml		905
	Teniposide : 0.1 mg/ml Fludarabine phosphate : 1 mg/ml		905
	Teniposide : 0.1 mg/ml Fluorouracil : 16 mg/ml		905
	Teniposide : 0.1 mg/ml Folate calcium : 2 mg/ml		905
	Teniposide : 0.1 mg/ml Furosemide : 3 mg/ml		905
	Teniposide : 0.1 mg/ml Gallium nitrate : 0.4 mg/ml		905
	Teniposide : 0.1 mg/ml Ganciclovir sodium : 20 mg/ml		905
	Teniposide : 0.1 mg/ml Gemcitabine hydrochloride : 10 mg/ml		1423
	Teniposide : 0.1 mg/ml Gentamicin sulfate : 5 mg/ml		905
	Teniposide : 0.1 mg/ml Granisetron hydrochloride : 0.05 mg/ml		182
	Teniposide : 0.1 mg/ml Haloperidol lactate : 0.2 mg/ml		905
	Teniposide : 0.1 mg/ml Heparin sodium : 100 UI/ml		905
	Teniposide : 0.1 mg/ml Hydrocortisone sodium succinate : 1 mg/ml		905
	Teniposide : 0.1 mg/ml Hydromorphone hydrochloride : 0.5 mg/ml		905
	Teniposide : 0.1 mg/ml Hydroxyzine dihydrochloride : 4 mg/ml		905
	Teniposide : 0.1 mg/ml Idarubicin hydrochloride : 0.5 mg/ml		905
	Teniposide : 0.1 mg/ml Ifosfamide : 25 mg/ml		905
	Teniposide : 0.1 mg/ml Imipenem - cilastatin sodium : 10 mg/ml		905
	Teniposide : 0.1 mg/ml Lorazepam : 0.1 mg/ml		905
	Teniposide : 0.1 mg/ml Mannitol : 150 mg/ml		905
	Teniposide : 0.1 mg/ml Melphalan : 0.1 mg/ml		905
	Teniposide : 0.1 mg/ml Mesna : 10 mg/ml		905
	Teniposide : 0.1 mg/ml Methotrexate sodium : 15 mg/ml		905
	Teniposide : 0.1 mg/ml Methylprednisolone sodium succinate : 5 mg/ml		905
	Teniposide : 0.1 mg/ml Metoclopramide hydrochloride : 5 mg/ml		905
	Teniposide : 0.1 mg/ml Metronidazole : 5 mg/ml		905

	Teniposide : 0.1 mg/ml Minocycline hydrochloride : 0.2 mg/ml		905
	Teniposide : 0.1 mg/ml Mitomycin : 0.5 mg/ml		905
	Teniposide : 0.1 mg/ml Mitoxantrone dihydrochloride : 0.5 mg/ml		905
	Teniposide : 0.1 mg/ml Morphine sulfate : 1 mg/ml		905
	Teniposide : 0.1 mg/ml Nalbuphine hydrochloride : 10 mg/ml		905
	Teniposide : 0.1 mg/ml Netilmicin sulfate : 5 mg/ml		905
	Teniposide : 0.1 mg/ml Ondansetron hydrochloride : 1 mg/ml		334
	Teniposide : 0.1 mg/ml Ondansetron hydrochloride : 1 mg/ml		905
	Teniposide : 0.1 mg/ml Pethidine hydrochloride : 4 mg/ml		905
	Teniposide : 0.1 mg/ml Piperacillin sodium : 40 mg/ml		905
	Teniposide : 0.1 mg/ml Potassium chloride : 100 mEq/l		905
	Teniposide : 0.1 mg/ml Prochlorperazine edysilate : 0.5 mg/ml		905
	Teniposide : 0.1 mg/ml Promethazine hydrochloride : 2 mg/ml		905
	Teniposide : 0.1 mg/ml Ranitidine hydrochloride : 2 mg/ml		905
	Teniposide : 0.1 mg/ml Sargramostim : 10 µg/ml		335
	Teniposide : 0.1 mg/ml Sodium bicarbonate : 84 mg/ml		905
	Teniposide : 0.1 mg/ml Streptozocin : 40 mg/ml		905
	Teniposide : 0.1 mg/ml Thiotepa : 1 mg/ml		905
	Teniposide : 0.1 mg/ml Ticarcillin / clavulanic acid : 31 mg/ml		905
	Teniposide : 0.1 mg/ml Tobramycin sulfate : 5 mg/ml		905
	Teniposide : 0.1 mg/ml Vancomycin hydrochloride : 10 mg/ml		905
	Teniposide : 0.1 mg/ml Vinblastine sulfate : 0.12 mg/ml		905
	Teniposide : 0.1 mg/ml Vincristine sulfate : 0.05 mg/ml		905
	Teniposide : 0.1 mg/ml Vinorelbine tartrate : 1 mg/ml		905
	Teniposide : 0.1 mg/ml Zidovudine : 4 mg/ml		905



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.
99	Journal	Trissel LA, Martinez JF. Compatibility of aztreonam with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 1995 ; 52: 1086-1090.
140	Journal	Pearson SD, Trissel LA. Leaching of diethylhexyl phthalate from polyvinyl chloride containers by selected drugs and formulation components. Am J Hosp Pharm 1993 ; 50: 1405-1409.
165	Journal	Faouzi MA, Dine T, Luyckx M, Gressier B, Goudaliez F, Mallevais ML, Brunet C, Cazin M, Cazin JC. Leaching of diethylhexyl phthalate from PVC bags into intravenous teniposide solution. Int J Pharm 1994 ; 105: 89-93.
182	Journal	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.
334	Journal	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	Journal	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.
482	Journal	Beijnen JH, Beijnen-Bandhoe U, Dubbelman AC, Van Gijn R, Underberg WJM. Chemical and physical stability of etoposide and teniposide in commonly used infusion fluids. J Parenter Sci Technol 1991 ; 45: 108-112.
504	Journal	Hamon M, Plas-Remoissenet D, Kubab-Alajati S. Etude de la stabilité dans des solutions diluées destinées à la perfusion de deux antimétabolites dérivés de la podophyllotoxine : l'étoposide (VP 16), le téniposide (VM 26). Sci Tech Pharm 1987 ; 3: 33-40.
905	Journal	Trissel LA, Martinez JF. Screening teniposide for Y-site physical incompatibilities. Hosp Pharm 1994 ; 29: 1010-1017.
1410	Journal	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	Journal	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.
1496	Journal	Trissel LA, Martinez JF, Gilbert DL. Screening cladribine for Y-site physical compatibility with selected drugs. Hosp Pharm 1996 ; 31: 1425-1428.

1520	Manufacturer	Etude de stabilité des médicaments en Ecoflac® B Braun 2001
------	--------------	--



Dictionary

 Anticancer drug	 Injection
 Tradename	 Stability in solutions
 Container	 Molecule
 Concentration	 Temperature
 Storage	 Duration of stability
 Biosimilar	 Conflicting data
 References	 Glass
 NaCl 0,9% or Glucose 5%	 Not specified
 Hour	 Light
 Day	RL Ringer's lactate solution
 Polyethylene	 Sodium chloride 0,9%
 With or without light	 Glucose 5%
 Factors which affect stability	 Polyvinyl chloride
 Induces	 Leaching
 Compatibility	 Compound
 Solvent	 Compatible
 NaCl 0,9% + antibacterial	 Color change after 4 hours
 Incompatible	 Immediate turbidity
 Route of administration	 Intravenous infusion
 References	 Dictionary