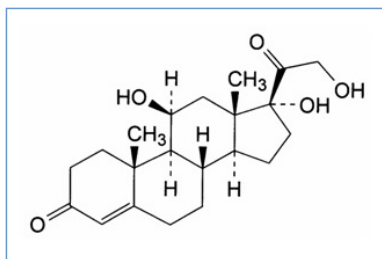


Stabilis



























































Hydrocortisone



Stability of pharmaceutical preparations

	120 mg Hydrocortisone	Inorpha® >> 60 mL	2 - 8°C		28			3755
	200 mg Hydrocortisone	Ethanol 10 ml Glycerin 40 ml Orasweet® >> 100 ml	25°C		60			2835
	120 mg Hydrocortisone	Inorpha® >> 60 mL	25°C		28			3755
	20 mg ® = ?	SyrSpend SF® >> 20 ml	25°C		90			4198
	20 mg ® = ?	SyrSpend SF® >> 20 ml	4°C		90			4198
	205 mg ® = ?	SyrSpend SF PH4® >> 100 mL	2-8°C		60			3810
	250 mg ® = ? (Douglas)	polysorbate 80 0.5 ml sodium carboxymethylcellulose 1000 mg Simple syrup 10 ml methylparaben 20 mg Propylparaben 80 mg Citric acid 600 mg Purified water >> 100 ml	25°C		91			2538
	200 mg ® = (Pfizer)	OraPlus® / OraSweet® (1:1) >> 100 mL	25°C		14			3811
	205 mg ® = ?	SyrSpend SF PH4® >> 100 mL	25°C		60			3810
	60 mg Cortef®	Oral Mix® >> 30 mL	25°C		90			4063
	50 mg Cortef®	OraPlus® / OraSweet® (1:1) >> 50 mL	25°C		91			909

		100 mg Cortef®	OraPlus® / OraSweet® (1:1) >> 50 mL	25°C		91			909
		80 mg ® = ?	Steviol glycoside 95% - 320 mg acesulfame potassium 320 mg Marshmallow® flavor 2,4 mL Suspendit® >> 80 mL	25°C		185			4530
		1600 mg ® = ?	Steviol glycoside 95% - 320 mg acesulfame potassium 320 mg Marshmallow® flavor 2,4 mL Suspendit® >> 80 mL	25°C		185			4530
		250 mg ®=? (Douglas)	polysorbate 80 0.5 ml sodium carboxymethylcellulose 1000 mg Simple syrup 10 ml methylparaben 20 mg Propylparaben 80 mg Citric acid 600 mg Purified water >> 100 ml	40°C		31			2538
		250 mg Hydrocortisone	polysorbate 80 0.5 ml sodium carboxymethylcellulose 1000 mg Simple syrup 10 ml methylparaben 20 mg Propylparaben 80 mg Citric acid 600 mg Purified water >> 100 ml	40°C		91			2538
		50 mg Cortef®	OraPlus® / OraSweet® (1:1) >> 50 mL	4°C		91			909
		60 mg Cortef®	Oral Mix® >> 30 mL	4°C		90			4063
		100 mg Cortef®	OraPlus® / OraSweet® (1:1) >> 50 mL	4°C		91			909
		250 mg ®=? (Douglas)	polysorbate 80 0.5 ml sodium carboxymethylcellulose 1000 mg Simple syrup 10 ml methylparaben 20 mg Propylparaben 80 mg Citric acid 600 mg Purified water >> 100 ml	5°C		91			2538
		200 mg ® = (Pfizer)	OraPlus® / OraSweet® (1:1) >> 100 mL	4°C		14			3811
		80 mg ® = ?	Steviol glycoside 95% - 320 mg acesulfame potassium 320 mg Marshmallow® flavor 2,4 mL Suspendit® >> 80 mL	5°C		185			4530
		1600 mg ® = ?	Steviol glycoside 95% - 320 mg acesulfame potassium 320 mg Marshmallow® flavor 2,4 mL Suspendit® >> 80 mL	5°C		185			4530
		2 mg Cortef®	Oral Mix® >> 1 mL	25°C		90			4063
		2 mg Cortef®	Oral Mix® >> 1 mL	4°C		90			4063



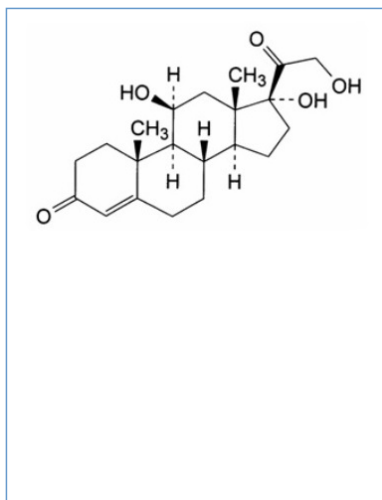
References

	Type	Publication
909	Journal	Chong G, Decarie D, Ensom M.H.H. Stability of hydrocortisone in extemporaneously compounded suspensions. J Informed Pharmacother 2003 ; 13: 100-110.
2538	Journal	Fawcett JP, Boulton DW, Jiang R, Woods DJ. Stability of hydrocortisone oral suspensions prepared from tablets and powder. Ann Pharmacotherapy 1995 ;29:987-990.
2835	Journal	Das Gupta V. Chemical Stability of Hydrocortisone in an Oral Liquid Dosage Form without Suspending Agents Int J Pharm Compound 2007 ; 11, 3: 259-261.
3755	Journal	Bourget P, Amin A, Vidal F, Pieyre M, Dosso E.O, Beauvais R, Loeuillet R. Physicochemical and Microbiological Stabilities of Hydrocortisone in InOrpha Suspending Agent Studied Under Various Condition. Int J Pharm Compound 2014 ; 18, 5: 427-431.
3810	Journal	Geiger C M, Sorenson B, Whaley P. Stability Assessment of 10 Active Pharmaceutical Ingredients Compounded in SyrSpend SF. Int J Pharm Compound 2015 ; 19, 5 : 420-427.
3811	Journal	Nahata Milap C. Stability of Levothyroxine, Doxycycline, Hydrocortisone, and Pravastatin in Liquid Dosage Forms Stored at Two Temperatures. Int J Pharm Compound 2015 ; 19, 5 : 428-431.
4063	Journal	Manchanda A, Laracy M, Savji T, Bogner R. Stability of an Alcohol-free, Dye-free Hydrocortisone (2mg/mL) Compounded Oral Suspension. Int J Pharm Compound 2018 ;22,1:66-75
4198	Journal	Uriel M, Gomez-Rincon C, Marro D. Stability of regularly prescribed oral liquids formulated with SyrSpend® SF. Pharmazie 2018 73;196-201
4530	Journal	Pramar Y, Mandal T, Bostanian L, Kader C, Morris T, Graves R. Physicochemical and Microbiological Stability of Extemporaneously Compounded Hydrocortisone Oral Suspensions in PCCA Base, SuspendIt. Int J Pharm Compound 2021 ;25,5:431-439

Stabilis



Hydrocortisone



Stability of pharmaceutical preparations

	20 mg Cortril®	Lactose >> 1 g	23-27°C		12			4616



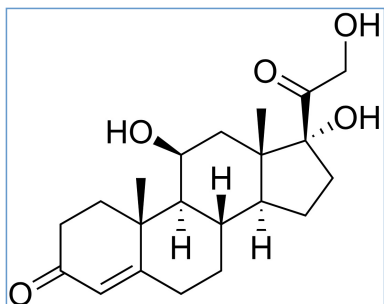
References

Type	Publication
4616 Journal	Saito J, Yoshikawa N, Hanawa T, Ozawa A, Matsumoto T, Harada T, Iwahashi K, Nakamura H, Yamatani A. Stability of Hydrocortisone in Oral Powder Form Compounded for Pediatric Patients in Japan. <i>Pharmaceutics</i> 2021 ; 13, 1267.

Stabilis



Hydrocortisone



Stability of mixtures

	Ethoxydiglycol 4000 mg butylated hydroxytoluene 20 mg Sodium metabisulfite 160 mg Cleoderm® >> 40 g	15-30 °C		Hydroquinone : powder ® =? 1600 mg Tretinoin : powder ® = ? 5 mg	14	4931





























References

	Type	Publication
4931	Journal	Marianni B, Costa Vicente Silva C, Polonini H. Compatibility of Active Pharmaceutical Ingredients Combinations Compounded in Cleoderm, a Cream Base for Personalized Dermatological Treatments. Int J Pharm Compound 2025 ;29,2:150-162



Dictionary

 Anti-inflammatory	 Oral solution
 Stability of pharmaceutical preparations	 Container
 Origine	 excipient
 Temperature	 Storage
 Duration of stability	 Biosimilar
 conflicting data	 References
 Glass	 powder
 Protect from light	 Day
 Not specified	 plastic bottle
 tablets	 syringe
 References	 paper bag
 Ointments	 Stability of mixtures
 Compound	 Dictionary