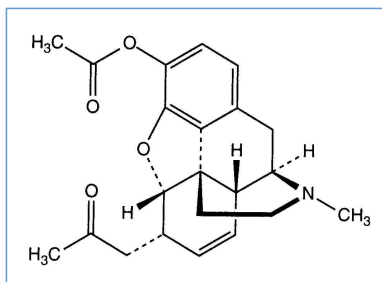


# Stabilis



## Diamorphine hydrochloride



Noms commerciaux

Diamorphine hydrochloride for injection	Grande Bretagne
Diaphin	Suisse



### Stabilité des solutions

		1 mg/ml	23°C-25°C	?	7			339
		20 mg/ml	23-25°C	?	12			339
		20 mg/ml	4°C		15			339
		5 mg/ml	37°C		7			484
		5 mg/ml	4°C		14			484
		1 & 20 mg/ml	23-25°C	?	15			339
		1 & 20 mg/ml	4°C		15			339
		2 & 20 mg/ml	18-22°C		18			1886
		1 & 20 mg/ml	23-25°C	?	7			339
		1 & 20 mg/ml	4°C		15			339



## Stabilité en mélange

PVC		0,02 mg/ml	-18°C		Bupivacaine hydrochloride : 1,5 mg/ml	180		512
PVC		0,125 mg/ml	25°C		Bupivacaine hydrochloride : 1,25 mg/ml	28		1292
PVC		0,02 mg/ml	25°C		Bupivacaine hydrochloride : 1,5 mg/ml	24		512
PVC		0,02 mg/ml	7°C		Bupivacaine hydrochloride : 1,5 mg/ml	14		512
PVC		0,5 >> 10 mg/ml	25°C		Bupivacaine hydrochloride : 2,5 et 5 mg/ml	8		2307
PP		0,045 mg/ml	21°C		Ropivacain hydrochloride : 1 mg/ml	16		2051
PP		0,045 mg/ml	40°C		Ropivacain hydrochloride : 1 mg/ml	6		2051
PP		0,045 mg/ml	4°C		Ropivacain hydrochloride : 1 mg/ml	30		2051
		20 mg/ml	18-22°C		Cyclizine lactate : 6,7 mg/ml	10		1886
		20 mg/ml	18-22°C		Haloperidol lactate : 0,75 mg/ml	20		1886
		0,66 & 33 mg/ml	22°C		Midazolam hydrochloride : 0,66 & 5 mg/ml	14		1288
		6,25 & 12,5 mg/ml	22°C-24°C		Haloperidol lactate : 0,31 mg/ml	24		779
		6,25 & 12,5 mg/ml	4-8°C		Haloperidol lactate : 0,31 mg/ml	7		779
		0,1 mg/ml	7°C		Bupivacaine hydrochloride : 4 mg/ml	26		2308
		0,025 mg/ml	21°C		Ropivacain hydrochloride : 2 mg/ml	28		2051
		0,025 mg/ml	40°C		Ropivacain hydrochloride : 2 mg/ml	6		2051
		0,025 mg/ml	4°C		Ropivacain hydrochloride : 2 mg/ml	70		2051
























































## Facteur influençant la stabilité

					2051
					2051 2308
	PH > 6				1385 1388
	4 < pH < 5				2308
	[ >15,6 mg/ml ]	21°C & 37°C			506



## Compatibilités

			
	Diamorphine hydrochloride : 0,1 mg/ml Bupivacaine hydrochloride : 4 mg/ml		2308
	Diamorphine hydrochloride : 0.02 mg/ml Bupivacaine hydrochloride : 1.5 mg/ml		512
	Diamorphine hydrochloride : 20 mg/ml Cyclizine lactate : 10 mg/ml		1886
	Diamorphine hydrochloride : 7.5 mg/ml Cyclizine lactate : 7.5 mg/ml		1230
	 Diamorphine hydrochloride : 25 >> 112.5 mg/ml Cyclizine lactate : 3.125 >> 25 mg/ml		1230
	Diamorphine hydrochloride		1385
	Diamorphine hydrochloride : 20 >> 100 mg/ml Cyclizine lactate : 6.7 mg/ml		1886
	 Diamorphine hydrochloride : 10 mg/ml Cyclizine lactate : 25 mg/ml		788
	 Diamorphine hydrochloride : > 25 mg/ml Cyclizine lactate : 10 mg/ml		1886
	Diamorphine hydrochloride : 0,5 mg/ml Furosemide : 1 mg/ml		1232
	Diamorphine hydrochloride : 6.25 & 12.5 mg/ml Haloperidol lactate : 0.31 mg/ml		779
	Diamorphine hydrochloride : 18.18 mg/ml Haloperidol lactate : 0.18 mg/ml		1230
	 Diamorphine hydrochloride : 45.45 >> 145.16 mg/ml Haloperidol lactate : 0.16 >> 0.45 mg/ml		1230
	Diamorphine hydrochloride : 20 >> 100 mg/ml Haloperidol lactate : 0.75 mg/ml		1886
	Diamorphine hydrochloride Hyaluronidase		3184
	Diamorphine hydrochloride : 45.45 >> 145.16 mg/ml Metoclopramide hydrochloride : 0.16 >> 0.45 mg/ml		1230
	Diamorphine hydrochloride : 0,66 & 33 mg/ml Midazolam hydrochloride : 0,66 & 5 mg/ml		1288
	Diamorphine hydrochloride : 6,25 mg/ml Octreotide acetate : 0,075 mg/ml		2404
	Diamorphine hydrochloride : 6,25 mg/ml Octreotide acetate : 0,1125 mg/ml		2404
	Diamorphine hydrochloride : 6,25 mg/ml Octreotide acetate : 0,0375 mg/ml		2404
	Diamorphine hydrochloride : 12,5 mg/ml Octreotide acetate : 0,1125 mg/ml		2404
	Diamorphine hydrochloride : 25 mg/ml Octreotide acetate : 0,075 mg/ml		2404
	Diamorphine hydrochloride : 12,5 mg/ml Octreotide acetate : 0,0375 mg/ml		2404
	Diamorphine hydrochloride : 12,5 mg/ml Octreotide acetate : 0,075 mg/ml		2404

		Diamorphine hydrochloride Parecoxib sodium		3504
		Diamorphine hydrochloride : 49.6 >> 372.5 mg/ml Scopolamine hydrobromide : 0.001 >> 0.003 mg/ml	∅	1230
		Diamorphine hydrochloride : 41.67 >> 132.35 mg/ml Scopolamine N-butyl bromide : 2.35 >> 8 mg/ml	∅	1230



## Voie d'administration



## Bibliographie

	Type	Source
339	Revue	Kleinberg ML, Duafala ME, Nacov C, Flora KP, Hines J, Davis K, McDaniel A, Scott D. Stability of heroin hydrochloride in infusion devices and containers for intravenous administration. Am J Hosp Pharm 1990 ; 47: 377-381.
484	Revue	Northcott M, Allsopp MA, Powell H, Sewell GJ. The stability of carboplatin, diamorphine, 5-fluorouracil and mitozantrone infusions in an ambulatory pump under storage and prolonged "in use" conditions. J Clin Pharm Ther 1991 ; 16: 123-129.
506	Revue	Omar OA, Hoskin PJ, Johnston A, Hanks W, Turner P. Diamorphine stability in aqueous solution for subcutaneous infusion. J Pharm Pharmacol 1989 ; 41: 275-277.
512	Revue	Barnes AR, Nash S. Stability of bupivacaine hydrochloride with diamorphine hydrochloride in an epidural infusion. Pharm World Sci 1995 ; 17: 87-92.
779	Revue	Collins AJ, Abethell JA, Holmes SG, Rain R. Stability of diamorphine hydrochloride with haloperidol in prefilled syringes for continuous subcutaneous administration. J Pharm Pharmacol 1986 ; 38: 51P.
788	Revue	Regnard CFB, Mannix K. Subcutaneous drug compatibility in palliative care. Lancet 1989 ; 2 (8670): 1044-1045.
1230	Revue	Regnard C, Pashley S, Westrope F. Anti-emetic / diamorphine mixture compatibility in infusion pumps. Br J Pharm Pract 1986 ; 8: 218-220.
1232	Revue	Beatson C, Taylor A. A physical compatibility study of furosemide & flucloxacillin injections. Br J Pharm Pract 1987 ; 9: 223-226, 236.
1288	Revue	Allwood MC, Brown PW, Lee M. Stability of injections containing diamorphine and midazolam in plastic syringes. Int J Pharm Pract 1994 ; 3: 57-59.
1292	Revue	Grassby PF, Roberts DE. Stability of epidural opiate solutions in 0.9 per cent sodium chloride infusion bags. Int J Pharm Pract 1995 ; 3: 174-177.

1385	Revue	Kirk B, Hain WR. Diamorphine injection BP incompatibility. Pharm J 1985 ; 235: 171.
1388	Revue	Page J, Hudson S. Diamorphine hydrochloride compatibility with saline. Pharm J 1982 ; 228: 238-239.
1886	Revue	Allwood MC. The stability of diamorphine alone and in combinaison with antiemetics in plastic syringes. Palliative Med 1991 ; 5: 330-333.
2051	Revue	Sanchez del Aguila MJ, Jones MF, Vohra A. Premixed solutions of diamorphine in ropivacaine for epidural anaesthesia: a study on long-term stability. Br J Anaesth 2003 ; 90: 179-182.
2307	Revue	Kreeger L, Cowin P, Noble-Gresty J, Naysmith A. Epidural diamorphine and bupivacaine stability study. Palliative Med 1995 ; 9, 4: 315-318.
2308	Revue	Hudson S.J, Jones M.F, Nolan S, Ellis H, Duncombe R, Alexander-Williams J.M. Stability of premixed syringes of diamorphine and hyperbaric bupivacaine. Int J Obstet Anesth 2005 ; 14, 4: 284-287.
2404	Revue	Fielding H, Kyaterekera , Skellern GG, Tetley JN, McDade JR, ZMsuya Z, Watson DG, Urie J. The compatibility and stability of octreotide acetate in the presence of diamorphine hydrochloride in polypropylene syringes Palliative Med 2000 ; 14: 205-208.
3184	Laboratoire	Hyaluronidase (Hyalase®) - Summary of Product characteristics.
3504	Laboratoire	Pré-Dorin (Dymista®) Summary of Product Characteristics Pfizer 2012



# Dictionnaire

 Antalgique	 Injectable
 Noms commerciaux	 Stabilité des solutions
 Contenant	 Molécule
 Concentration	 Température
 Conservation	 Durée de stabilité
 Biosimilaire	 Données conflictuelles
 Bibliographie	 Verre
 Chlorure de sodium 0,9%	 Non précisée
 Jour	 A l'abri de la lumière
 Polyvinyl chlorure	 Eau pour préparation injectable
 Seringue polypropylène	 Lumière
 Elastomère en polyisoprène	 Stabilité en mélange
 Solvant	 Molécule
 Heure	 Aucun
 Polypropylène	 Avec ou sans lumière
 Glucose 8%	 Non précisé
 Facteur influençant la stabilité	 Provoque
 Dégradation	 Augmentation
 Précipitation	 Augmentation stabilité
 Compatibilités	 Compatible
 Précipitation en 24 heures	 Incompatible
 Précipitation immédiate	 Incompatibilité non précisée
 Voie d'administration	 Intraveineuse
 Perfusion intraveineuse	 Perfusion continue
 Intramusculaire	 Sous cutanée
 Intrathécale	 Perfusion SC continue
 Bibliographie	 Dictionnaire