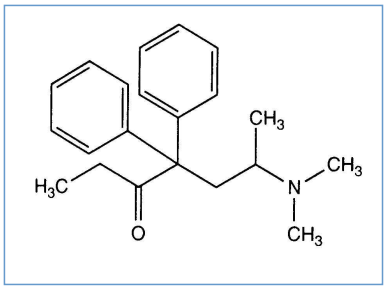
Stabilis

Methadone hydrochloride



Noms commerciaux

Eptadone	Italie
Ketalgin	Suisse
Mephenon	Belgique
Metasedin	Espagne
Methadone	
Physeptone	Grande Bretagne

Stabilité des solutions

		5 mg/ml	23-27°C	?	180			4406
		5 mg/ml	5°C	?	180			4406
PVC		1 & 2 & 5 mg/ml	25°C		28			224

Stabilité en mélange

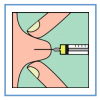
PP		0.2 mg/ml	22-25°C		Dopamine hydrochloride : 8 mg/ml	24	1506
PP		0.2 mg/ml	22-25°C		Dobutamine hydrochloride : 8 mg/ml	24	1506
PP		0.2 mg/ml	22-25°C		Pantoprazole sodium : 0.32 mg/ml	24	1506
PP		0.2 mg/ml	22-25°C		Midazolam hydrochloride : 4 mg/ml	24	1506
PP		0.2 mg/ml	22-25°C		Esomeprazole sodium : 0.32 mg/ml	24	1506

Compatibilités

		Methadone hydrochloride : 1 mg/ml Atropine sulfate : 0.4 mg/ml		1974
		Methadone hydrochloride : 0.2 mg/ml Clonidine hydrochloride : 0.0075 mg/ml		1506
		Methadone hydrochloride : 1 mg/ml Dexamethasone sodium phosphate : 1 mg/ml		1974
		Methadone hydrochloride : 1 mg/ml Diazepam : 0.5 mg/ml		1974
		Methadone hydrochloride Diclofenac		3470
		Methadone hydrochloride : 1 mg/ml Diphenhydramine hydrochloride : 2 mg/ml		1974
		Methadone hydrochloride : 0.2 mg/ml Dobutamine hydrochloride : 8 mg/ml		1506
		Methadone hydrochloride : 0.2 mg/ml Dopamine hydrochloride : 8 mg/ml		1506
		Methadone hydrochloride : 0.2 mg/ml Esomeprazole sodium : 0.32 mg/ml		1506
		Methadone hydrochloride : 0.2 mg/ml Furosemide : 2 mg/ml		1506
		Methadone hydrochloride : 1 mg/ml Haloperidol lactate : 0.2 mg/ml		1974
		Methadone hydrochloride : 0.2 mg/ml Heparin sodium : 50 UI/ml		1506
		Methadone hydrochloride : 1 mg/ml Hydroxyzine dihydrochloride : 4 mg/ml		1974
		Methadone hydrochloride : 0.2 mg/ml Insulin : 1 UI/ml		1506
		Methadone hydrochloride : 0.59 >> 2.94 mg/ml Ketorolac tromethamine : 1.76 >> 5.29 mg/ml		3470
		Methadone hydrochloride : 1 mg/ml Ketorolac tromethamine : 1 mg/ml		1974
		Methadone hydrochloride : 1 mg/ml Lorazepam : 0.1 mg/ml		1974
		Methadone hydrochloride : 1 mg/ml Metoclopramide hydrochloride : 5 mg/ml		1974
		Methadone hydrochloride : 1 mg/ml Midazolam hydrochloride : 0.2 mg/ml		1974
		Methadone hydrochloride : 0.2 mg/ml Midazolam hydrochloride : 4 mg/ml		1506
		Methadone hydrochloride : 0.2 mg/ml Norepinephrine bitartrate : 0.32 mg/ml		1506
		Methadone hydrochloride : 0.2 mg/ml Pantoprazole sodium : 0.32 mg/ml		1506
		Methadone hydrochloride Parecoxib sodium		3504
		Methadone hydrochloride : 1 mg/ml Phenobarbital sodium : 2 mg/ml		1974

		Methadone hydrochloride : 1 mg/ml Phenytoin sodium : 2 mg/ml		1974
		Methadone hydrochloride : 1 mg/ml Scopolamine hydrobromide : 0.05 mg/ml		1974

Voie d'administration

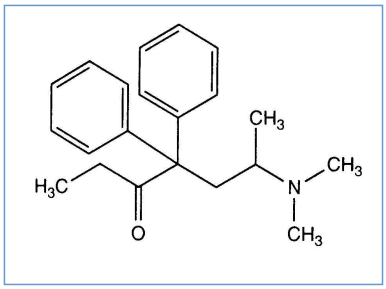



Bibliographie

	Type	Source
224	Revue	Denson DD, Crews JC, Grummich KW, Stirm EJ, Sue CA. Stability of methadone hydrochloride in 0.9% sodium chloride injection in single-dose plastic containers. Am J Hosp Pharm 1991 ; 48: 515-517.
1506	Revue	Lopez-Cabezas C, Guerrero L, Molas G, Anglada H, Soy D. Physicochemical compatibility of high concentration drugs usually Y-site administered in intensive care units. EJHP 2015 ;22:107-112.
1974	Revue	Chandler SW, Trissel LA, Weinstein SM Combined administration of opoids with selected drugs to manage pain and other cancer symptoms initial safety screening for compatibility. J Pain Symptom Manage 1996 ; 12, 3: 168-171.
3470	Revue	Destro M, Ottolini L, Vicentini L, Boschetti S. Physical compatibility of binary and tertiary mixtures of morphine and methadone with other drugs for parenteral administration in palliative care. Support Care Cancer 2012 ; 20: 2501-2509.
3504	Laboratoire	Parecoxib (Dynastat®) - Summary of Product Characteristics Pfizer 2012
4406	Revue	Friciu M, Alarie H, Beauchemin M, Forest JM, Leclair G. Stability of Methadone Hydrochloride for Injection in Saline Solution Can J Hosp Pharm 2020 2020;73(2):141-4

Stabilis

Methadone hydrochloride



Stabilité des préparations

1500 mg ® = ?	SyrSpend SF PH4® >> 150 ml	2-8°C	?	90			4177
150 mg Methadone HCl	NaCl 0.9% >> 30 mL	22-28°C		180			3489
500mg Methadone 10mg/ml®	Benzoate de sodium 100mg Tang® (boisson à l'orange)	>>100ml 22°C		91			2843
500mg Methadone	Benzoate de sodium 100mg Tang® (boisson à l'orange)	>>100ml 22°C		91			2843
150 mg Methadone HCl	NaCl 0.9% >> 30 mL	4°C		180			3489
500mg Methadone 10mg/ml®	Benzoate de sodium 100mg Tang® (boisson à l'orange)	>>100ml 6°C		91			2843
500mg Methadone	Benzoate de sodium 100mg Tang® (boisson à l'orange)	>>100ml 6°C		91			2843
5 mg Methadone HCl	NaCl 0.9% >> 5 mL	22-28°C		180			3489
5 mg Methadone HCl	NaCl 0.9% >> 5 mL	4°C		180			3489

Facteur influençant la stabilité

Bibliographie

	Type	Source
2843	Revue	Donnelly R. Chemical Stability of Methadone Concentrate and Powder Diluted in Orange-Flavored Drink Int J Pharm Compound 2004 ; 8, 6: 489-491.
3489	Revue	Soy D, Roca M, Deulofeu R, Montes E, Codina C, Ribas J. Estabilidad de las soluciones orales de clohidrato de metadona al 0,1% y 0,5% en suero fisiologico. Farm Hosp 1998 ; 22, 5: 249-251.
4177	Revue	Polonini H, Loures da Silva S, Fernandes Brandao M.A, Bauters T, De Moerloose B, De Oliveira Ferreira A. Compatibility of Baclofen, Carvedilol, Hydrochlorothiazide, Mercaptopurine, Methadone Hydrochloride, Oseltamivir Phosphate, Phenobarbital, Propranolol Hydrochloride, Pyrazinamide, Sotalol Hydrochloride, Spironolactone, Tacrolimus Monohydrate, Ursodeoxycholic Acid, and Vancomycin Hydrochloride Oral Suspensions Compounded with SyrSpend SF PH4. Int J Pharm Compound 2018 ;22,6:516-526

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		Polyvinyl chlorure
	Lumière		Stabilité en mélange
	Solvant		Molécule
	Polypropylène		NaCl 0,9% ou glucose 5%
	A l'abri de la lumière		Heure
	Compatibilités		Compatible
	Glucose 5%		Précipitation immédiate
	Incompatible		Incompatibilité non précisée
	Voie d'administration		Intramusculaire
	Sous cutanée		Bibliographie
	Solution buvable		Stabilité des préparations
	Origine		Excipient
	Flacon plastique		Poudre
	Liquide		Seringue PP orale
	Facteur influençant la stabilité		Provoque
	Dégradation		Dictionnaire