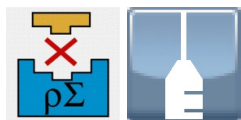
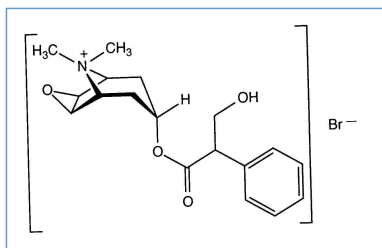


# Stabilis



## Scopolamine hydrobromide



Tradename

Escopolamina	Brazil, Chile, Ecuador, Peru, Spain
Hyoscine	Canada, Great Britain, Iran, Ireland, Malaysia, New Zealand
Lorcopan	Iran
Scopolamine	Belgium, Canada, France, Switzerland



### Stability in solutions

?	▲	?? mg/ml	25°C	?	24	✓		5018
?	◆	?? mg/ml	25°C	?	24	✓		5018















### Stability of mixtures

	▲	0,0052 mg/ml	2-8°C	?	Bumetanide : 0,0417 mg/ml	18	◐ 4691
	▲	0,0312 mg/ml	2-8°C	?	Bumetanide : 0,125 mg/ml	18	◐ 4691
	▲	0,04 mg/ml	25°C	?	Famotidine : 0,4 mg/ml Haloperidol lactate : 0,5 mg/ml Dimenhydrinate : 5 mg/ml Hydromorphone hydrochloride : 10 mg/ml	12	✓ 2166
	▲	0,04 mg/ml	4°C	?	Famotidine : 0,4 mg/ml Haloperidol lactate : 0,5 mg/ml Dimenhydrinate : 5 mg/ml Hydromorphone hydrochloride : 10 mg/ml	12	✓ 2166



## Compatibility

			
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0,86 mg/ml Cimetidine hydrochloride : 150 mg/ml		1438
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.001 >> 0.003 mg/ml Diamorphine hydrochloride : 49.6 >> 372.5 mg/ml	∅	1230
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.05 mg/ml Fentanyl citrate : 25 µg/ml	◆	1974
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.86 mg/ml Heparin sodium : 1 UI/ml	RL	1228
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.86 mg/ml Heparin sodium : 1 UI/ml	◆	1228
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.86 mg/ml Heparin sodium : 1 UI/ml	▲	1228
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.86 mg/ml Hydrocortisone sodium succinate : 1 mg/ml	RL	1228
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.86 mg/ml Hydrocortisone sodium succinate : 1 mg/ml	◆	1228
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.86 mg/ml Hydrocortisone sodium succinate : 1 mg/ml	▲	1228
<input checked="" type="checkbox"/>	Scopolamine hydrobromide Hydromorphone hydrochloride		5073
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.05 mg/ml Hydromorphone hydrochloride : 0.5 mg/ml	◆	1974
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.05 mg/ml Methadone hydrochloride : 1 mg/ml	◆	1974
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.287 mg/ml Midazolam hydrochloride : 3.33 mg/ml	∅	404
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.05 mg/ml Morphine sulfate : 1 mg/ml	◆	1974
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.05 mg/ml Morphine sulfate : 1 mg/ml	◆	1974
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0,46 & 0,83 mg/ml Nalbuphine hydrochloride : 5 & 10 mg/ml		616
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.03 & 0.09 mg/ml Oxycodone hydrochloride : 0.9 & 7.7 mg/ml	▲	2125
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.07 & 0.15 mg/ml Oxycodone hydrochloride : 14.7 & 38.5 mg/ml	▲	2900
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.03 & 0.09 mg/ml Oxycodone hydrochloride : 0.9 & 7.7 mg/ml	💧	2125
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.07 & 0.15 mg/ml Oxycodone hydrochloride : 14.7 & 38.5 mg/ml	💧	2900
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.86 mg/ml Potassium chloride : 40 mEq/l	RL	1228
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.86 mg/ml Potassium chloride : 40 mEq/l	◆	1228
<input checked="" type="checkbox"/>	Scopolamine hydrobromide : 0.86 mg/ml Potassium chloride : 40 mEq/l	▲	1228
	<input checked="" type="checkbox"/> Scopolamine hydrobromide : 0.4 mg/ml Propofol		660

	Scopolamine hydrobromide		5018
	Scopolamine hydrobromide : 0,4 mg/ml Ranitidine hydrochloride : 25 mg/ml		58
	Scopolamine hydrobromide		5018
	Scopolamine hydrobromide : 0.4 mg/ml Propofol : 10 mg/ml		300



## Route of administration

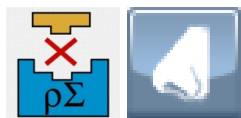


## References

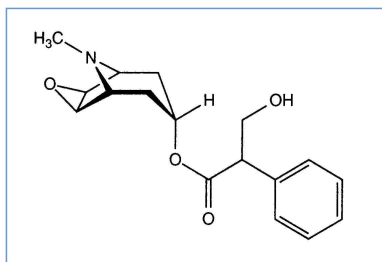
	Type	Publication
58	Journal	Parker WA. Physical compatibility of ranitidine HCl with preoperative injectable medications. Can J Hosp Pharm 1985 ; 38: 160-161.
300	Journal	Trissel LA, Gilbert DL, Martinez JF. Compatibility of propofol injectable emulsion with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 1997 ; 54: 1287-1292.
404	Journal	Forman JK, Souney PF. Visual compatibility of midazolam hydrochloride with common preoperative injectable medications. Am J Hosp Pharm 1987 ; 44: 2298-2299.
616	Journal	Jump WG, Plaza VM, Poremba A. Compatibility of nalbuphine hydrochloride with other preoperative medications. Am J Hosp Pharm 1982 ; 39: 841-843.
660	Journal	Michaels MR, Stauffer GL, Haas DP. Propofol compatibility with other intravenous drug products - Two new methods of evaluating IV emulsion compatibility. Ann Pharmacotherapy 1996 ; 30: 228-232.
1228	Journal	Allen LV, Stiles ML. Compatibility of various admixtures at Y-injection sites of intravenous administration sets. Part2. Am J Hosp Pharm 1981 ; 38: 380-381.
1230	Journal	Regnard C, Pashley S, Westrope F. Anti-emetic / diamorphine mixture compatibility in infusion pumps. Br J Pharm Pract 1986 ; 8: 218-220.
1438	Journal	Souney PF, Solomon MA, Stancher D. Visual compatibility of cimetidine hydrochloride with common preoperative injectable medications. Am J Hosp Pharm 1984 ; 41: 1840-1841.
1974	Journal	Chandler SW, Trissel LA, Weinstein SM Combined administration of opioids with selected drugs to manage pain and other cancer symptoms initial safety screening for compatibility. J Pain Symptom Manage 1996 ; 12, 3: 168-171.
2125	Journal	Gardiner PR. Compatibility of an injectable oxycodone formulation with typical diluents, syringes, tubings, infusion bags and drugs for potential co-administration. Hospital Pharmacist 2003 ; 10: 354-361.

2166	Journal	Nassr S, Dubuc MC, Lavoie P, Brazier JL. HPLC-DAD methods for studying the stability of solutions containing hydromorphone, ketorolac, haloperidol, midazolam, famotidine, metoclopramide, dimenhydrinate and scopolamine. J Liquid Chrom Rel Technol 2003 ; 26, 17: 2909-2929.
2900	Journal	Hines S, Pleasance S. Compatibility of an injectable high strength oxycodone formulation with typical diluents, syringes, tubings, infusion bags and drugs for potential co-administration. EJHP 2009 ; 15, 5: 32-38.
4691	Journal	Catry E, Colsoul ML, Closset Me, Hubert J, Soumoy L, Bihin B, Thiry E, Jamart J, Hecq JD, Galanti L. Physical and Chemical Stability of Pharmaceutical Preparation of Bumetanide and Scopolamine. Int J Pharm Compound 2022 ;26,3:248-254
5018	Manufacturer	SCOPOLAMINE BUTYLBROMURE KALCEKS 20 mg/mL, solution injectable - Résumé des caractéristiques du produit. AS KALCEKS 2024
5073	Manufacturer	Palladone 10 mg/ml solution for injection or infusion - Summary of Product Characteristics Updated 28-Apr-2025. Napp Pharmaceuticals Limited 2025

# Stabilis



## Scopolamine hydrobromide



### Stability of pharmaceutical preparations

200 mg	Scopolamine Hydrobromide	Citrate buffer >> pH 5 NaCl 0.9% >> 50 ml	25°C		42			2876


































### References

	Type	Publication
2876	Journal	Das Gupta V. Chemical Stability of Scopolamine Hydrobromide Nasal Solution. Int J Pharm Compound 2009 ; 13, 5: 438-439.



# Dictionary

 Antimuscarinic	 injection
 Tradename	 Stability in solutions
 Container	 Molecule
 Concentration	 Temperature
 Storage	 Duration of stability
 Biosimilar	 conflicting data
 References	 Not specified
 Sodium chloride 0,9%	 Not specified
 Hour	 Glucose 5%
 Stability of mixtures	 Solvent
 Compound	 Polypropylen Syringe
 Day	 Compatibility
 Compatible	 None
<b>RL</b> Ringer's lactate solution	 Water for Injection
 Instability of the emulsion after 6 hours	 Incompatible
 Route of administration	 Intravenous
 Subcutaneous	 Continuous subcutaneous infusion
 References	 nasal drops
 Stability of pharmaceutical preparations	 Origine
 excipient	 Glass
 powder	 Light
 Dictionary	