

DORIPENEM

SYNONYMS	Doripenem monohydrate
TRADE NAME	DORIBAX
DRUG CLASS	Carbapenem antibiotic
AVAILABILITY	Vial contains 500 mg of doripenem as doripenem monohydrate. ¹
pH	4.5–5.5 ¹
PREPARATION	Reconstitute the vial with 10 mL of water for injections or sodium chloride 0.9%. Shake gently to form a suspension. Must be further diluted before use. ¹
ADMINISTRATION	
IM injection	Not recommended
SUBCUT injection	Not recommended
IV injection	Not recommended ¹
IV infusion	Add 10 mL of reconstituted solution to a 100 mL bag of sodium chloride 0.9% or glucose 5% to make a concentration of approximately 5 mg/mL. Gently shake the bag until the solution is clear. Infuse over 1 or 4 hours. ¹ Do not use glucose 5% for infusions that are longer than 1 hour. ¹ See SPECIAL NOTES
STABILITY	Vial: Store below 25 °C. Reconstituted solution: Stable for 1 hour. ¹ Diluted solution: When diluted with sodium chloride 0.9% stable for 12 hours below 25 °C and for 24 hours at 2 to 8 °C. ¹ When diluted with glucose 5% stable for 4 hours below 25 °C and for 24 hours at 2 to 8 °C. Glucose should not be used for infusions that are longer than 1 hour. ¹
COMPATIBILITY	Compatible fluids: Glucose 5% ¹ , sodium chloride 0.9% ¹ Compatible via Y-site: Aciclovir ² , amikacin ² , aminophylline ² , amiodarone ² , anidulafungin ² , atropine ² , azithromycin ² , calcium gluconate ² , caspofungin ² , ceftaroline fosamil ² , ciprofloxacin ² , cyclosporin ² , daptomycin ² , dexamethasone ² , digoxin ² , dobutamine ² , dopamine ² , esmolol ² , esomeprazole ² , fentanyl ² , fluconazole ² , foscarnet ² , frusemide ² , gentamicin ² , granisetron ² , heparin sodium ² , hydrocortisone sodium succinate ² , hydromorphone ² , insulin (short-acting) ² , labetalol ² , linezolid ² , lorazepam ² , magnesium sulfate ² , mannitol ² , methylprednisolone sodium succinate ² , metoclopramide ² , metronidazole ² , midazolam ² , milrinone ² , morphine sulfate ² , moxifloxacin ² , noradrenaline ² , pethidine ² , phenylephrine ² , potassium chloride ² , ranitidine ² , sodium bicarbonate ² , tacrolimus ² , tigecycline ² , tobramycin ² , voriconazole ² , zidovudine ² Compatible in syringe: Not applicable
INCOMPATIBILITY	Incompatible fluids: No information Incompatible drugs: Potassium phosphate ² , propofol ²
SPECIAL NOTES	Contraindication: Patients with severe hypersensitivity to penicillins, carbapenems and cephalosporin antibiotics. ¹ Phlebitis is more likely to occur with infusions over 1 hour than over 4 hours. ³

REFERENCES

1. Doribax. Product information. North Ryde, NSW: Janssen-Cilag Pty Ltd. Approved 20/04/09. Updated 26/03/13.
2. Trissel LA. Handbook on injectable drugs. 17th ed. Bethesda, Maryland: American Society of Health System Pharmacists; 2013.
3. Rossi S. editor. Australian medicines handbook. Adelaide: Australian Medicines Handbook Pty Ltd; 2013.