

POSACONAZOLE

BRAND NAME	NOXAFIL CONCENTRATED INJECTION
DRUG CLASS	Triazole antifungal
AVAILABILITY	Vial contains 300 mg/16.7 mL of posaconazole. Also contains sulfobutyl betadex sodium (SBECD), disodium edetate, hydrochloric acid and sodium hydroxide. ¹ The solution is clear and colourless to yellow. ¹ Contains 20 mmol of sodium. ²
pH	2.6 ³
PREPARATION	Dilute before use
STABILITY	Vial: store at 2 to 8 °C. ¹ Infusion solutions: stable for up to 24 hours at 2 to 8 °C. ¹
ADMINISTRATION	
IM injection	Not recommended
SUBCUT injection	Not recommended
IV injection	Not recommended ¹
IV infusion	Dilute 300 mg (16.7 mL) of posaconazole with 150–283 mL of a compatible fluid to make a concentration of 1–2 mg/mL. Infuse into a central venous access device over 90 minutes. ¹ One dose may be given into a peripheral line while waiting for central line placement. Use a concentration of 2 mg/mL and infuse over 30 minutes. ² Subsequent doses must be given through a central line. ¹ See SPECIAL NOTES
COMPATIBILITY	
Fluids	Glucose 5% ¹ , glucose 5% and sodium chloride 0.45% ¹ , glucose 5% and sodium chloride 0.9% ¹ , sodium chloride 0.45% ¹ , sodium chloride 0.9% ¹
Y-site	Amikacin ¹ , caspofungin ¹ , ciprofloxacin ¹ , daptomycin ¹ , dobutamine ¹ , filgrastim ¹ , gentamicin ¹ , hydromorphone ¹ , micafungin ¹ , morphine sulphate ¹ , noradrenaline (norepinephrine) ¹ , potassium chloride ¹ , vancomycin ¹
INCOMPATIBILITY	
Fluids	Glucose 5% with Hartmann's ¹ , Hartmann's ¹ , sodium bicarbonate 4.2% ¹
Drugs	No information
SPECIAL NOTES	There is a high incidence of thrombophlebitis when multiple doses of posaconazole are given into a peripheral venous catheter. A single dose infused into a peripheral line over 30 minutes is well tolerated. ¹

REFERENCES

1. Product information. Available from www.tga.gov.au. Accessed 19/01/2021.
2. Noxafil 300mg concentrate for infusion. Summary of product characteristics. Haarlem, NL. Approved 25/10/2005. Updated 10/09/2020 Available from www.medicines.org.uk. Accessed 19/01/2021.
3. Posaconazole. In: IV index [internet]. Trissel's 2 clinical pharmaceuticals database (parenteral compatibility) Greenwood Village, CO: Truven Health Analytics. Accessed 03/09/2019.