

REMEDESIVIR

BRAND NAME VEKLURY

DRUG CLASS Antiviral

AVAILABILITY **Concentrated solution vial** contains 100 mg/20 mL of remdesivir. Also contains sulfobutyl betadex sodium (SBECD 6 g), hydrochloric acid and sodium hydroxide.^{1,2} The solution is clear and colourless to yellow.¹

As at July 2020 the concentrated solution is available from the National Medicines Stockpile.

Powder for reconstitution vial contains 100 mg of remdesivir. Also contains sulfobutyl betadex sodium (SBECD 3 g), hydrochloric acid and sodium hydroxide.^{1,2}

pH No information

PREPARATION **Concentrated solution:** dilute before use.¹
Powder for reconstitution: reconstitute the vial with 19 mL of water for injections. Shake the vial for 30 seconds then allow to stand for 2 to 3 minutes. Repeat the process of shaking and standing until completely dissolved and the solution is clear. Dilute immediately.¹

STABILITY **Concentrate vial:** store at 2 to 8 °C.¹ Stable for 12 hours at room temperature prior to dilution.³ If unused do not return to the fridge, contact the manufacturer for information about the expiry date.

Powder vial: store below 30 °C.¹ Reconstituted solution: dilute immediately.¹

Infusion solution: stable for 4 hours below 25 °C or 24 hours at 2 to 8 °C.¹

ADMINISTRATON

IM injection Not recommended¹

SUBCUT injection Not recommended

IV injection Not recommended

IV infusion Dilute the dose in 250 mL of sodium chloride 0.9%. Gently invert the bag 20 times to mix. **Do not shake.**¹

Remdesivir dose ^{1,3}	Volume of sodium chloride 0.9% ^{1,3}	Volume of sodium chloride 0.9% to be removed from the bag (optional) ^{1,3}	Volume of remdesivir concentrated solution ^{1,3}
200 mg	250 mL	40 mL	2 x 20 mL (2 vials)
100 mg	250 mL	20 mL	20 mL (1 vial)

Infuse over 30 minutes to 2 hours.¹

The powder for reconstitution can be given in a volume of 100 mL of sodium chloride 0.9% for patients with extreme fluid restrictions.¹

COMPATIBILITY

Fluids Sodium chloride 0.9%¹

Drugs Do not mix with other medicines¹

INCOMPATIBILITY No information

SPECIAL NOTES Infusion reactions may include hypotension, hypertension, tachycardia, bradycardia, hypoxia, fever, dyspnoea, wheezing, angioedema, rash, nausea, vomiting, diaphoresis, and shivering. A slow infusion of up to two hours may help prevent infusion reactions.¹

Anaphylactic reactions are rare but are a medical emergency. Stop the infusion and commence treatment immediately.¹

REFERENCES

1. Product information. Available from www.tga.gov.au. Accessed 16/07/2020.
2. Consumer medicine information. Available from www.tga.gov.au. Accessed 16/07/2020.
3. Remdesivir. Quality and safe use of medicine factsheet. -Melbourne: Gilead Sciences; July 2020.