

REMDESIVIR

BRAND NAME	VEKLURY									
DRUG CLASS	Antiviral									
AVAILABILITY	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	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. ¹ The concentration is 5 mg/mL. ¹ Dilute immediately. ¹									
STABILITY	Vial: Store below 30 °C. ¹ Reconstituted solution: dilute immediately. ¹ Infusion solution: stable for 24 hours below 25 °C or at 2 to 8 °C. If prepared by pharmacy under aseptic conditions, stable for 48 hours at 2 to 8 °C. ¹									
ADMINISTRATON										
IM injection	Not recommended ¹									
SUBCUT injection	Not recommended									
IV injection	Not recommended									
IV infusion	Use the table below to dilute the dose to a final volume of 250 mL with sodium chloride 0.9%. Gently invert the bag 20 times to mix. Do not shake. ¹ Can be diluted to a final volume of 100 mL for patients with severe fluid restrictions. ¹									
	<table><thead><tr><th>Remdesivir dose^{1,3}</th><th>Volume of sodium chloride 0.9% to be removed from the bag^{1,3}</th><th>Volume of remdesivir reconstituted solution^{1,3}</th></tr></thead><tbody><tr><td>200 mg</td><td>40 mL</td><td>2 x 20 mL (2 vials)</td></tr><tr><td>100 mg</td><td>20 mL</td><td>20 mL (1 vial)</td></tr></tbody></table>	Remdesivir dose ^{1,3}	Volume of sodium chloride 0.9% to be removed from the bag ^{1,3}	Volume of remdesivir reconstituted solution ^{1,3}	200 mg	40 mL	2 x 20 mL (2 vials)	100 mg	20 mL	20 mL (1 vial)
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200 mg	40 mL	2 x 20 mL (2 vials)								
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IV use for infants and children	Infuse over 30 minutes to 2 hours. ¹ For patients who weigh 3 kg to less than 40 kg, dilute the dose to a concentration of 1.25 mg/mL with sodium chloride 0.9%. Infuse over 30 minutes to 2 hours. ¹ For children who weigh 40 kg or more, see IV Infusion for instructions. ¹									
COMPATIBILITY										
Fluids	Sodium chloride 0.9% ¹									
Drugs	Do not mix with other medicines ¹									
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 12/05/2022.
2. Consumer medicine information. Available from www.tga.gov.au. Accessed 12/05/2022.