

POLATUZUMAB VEDOTIN

BRAND NAME	POLIVY												
DRUG CLASS	Cytotoxic antineoplastic, monoclonal antibody (humanised) and antimetabolic agent												
AVAILABILITY	Vial contains 140 mg of polatuzumab vedotin. ¹ Also contains succinic acid, sodium hydroxide, sucrose and polysorbate-20. ¹												
WARNING	Cytotoxic. Strict handling precautions are required.												
pH	5.3 when reconstituted ²												
PREPARATION	<p>In a cytotoxic drug safety cabinet:</p> <p>Reconstitute the vial with 7.2 mL of water for injections. Swirl gently until dissolved. Do not shake. The concentration is 20 mg/mL. The solution is clear to slightly opalescent and colourless to light brown.¹</p> <p>Dilute the dose in a minimum of 50 mL of a compatible fluid. The final concentration should be 0.72–2.7 mg/mL. Mix by gently inverting the bag. Do not shake.¹</p> <p>Excessive agitation of the solution can cause aggregation. If the solution must be transported see the product information for further instructions.</p>												
STABILITY	<p>Vial: store at 2 to 8 °C. Do not freeze. Protect from light.¹</p> <p>When prepared by pharmacy under aseptic conditions:</p> <p>Reconstituted solution: stable for 20 hours below 25 °C and 72 hours at 2 to 8 °C.¹</p> <p>Infusion solution:</p> <table border="1" data-bbox="332 892 1228 1079"> <thead> <tr> <th>Fluid used¹</th> <th>Below 25 °C¹</th> <th>At 2 to 8 °C¹</th> </tr> </thead> <tbody> <tr> <td>Glucose 5%</td> <td>8 hours</td> <td>72 hours</td> </tr> <tr> <td>Sodium chloride 0.45%</td> <td>8 hours</td> <td>36 hours</td> </tr> <tr> <td>Sodium chloride 0.9%</td> <td>4 hours</td> <td>24 hours</td> </tr> </tbody> </table>	Fluid used ¹	Below 25 °C ¹	At 2 to 8 °C ¹	Glucose 5%	8 hours	72 hours	Sodium chloride 0.45%	8 hours	36 hours	Sodium chloride 0.9%	4 hours	24 hours
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ADMINISTRATION													
IM injection	Not recommended												
SUBCUT injection	Not recommended												
IV injection	Not recommended ¹												
IV infusion	<p>Infuse the first dose over 90 minutes. If well-tolerated subsequent infusions can be given over 30 minutes.¹</p> <p>Use a low protein-binding 0.2 or 0.22 micrometre filter.¹</p>												
COMPATIBILITY	Glucose 5% ¹ , sodium chloride 0.45% ¹ , sodium chloride 0.9% ¹												
INCOMPATIBILITY	No information												
SPECIAL NOTES	<p>Premedication with an antihistamine and paracetamol is recommended.¹</p> <p>Monitor for infusion reactions during the infusion and for 90 minutes after the first infusion and 30 minutes after subsequent infusions.¹</p> <p>Dizziness after the infusion is very common.¹</p>												

REFERENCES

1. Product information. Available from www.tga.gov.au. Accessed 17/03/2020.
2. Medical information. pH following Polivy (polatuzumab) reconstitution. Sydney: Roche Products; 26/03/2020.