Azathioprine

Hazardous medicine - prepare, administer and dispose of according to local guidelines

Irritant

Drug class: Immunosuppressant
Trade name (Sponsor): Imuran (Healthcare Logistics)
Presentation: 50 mg powder for injection. pH 10–12 when reconstituted; pH 8.0–9.5 when diluted.

Administration

**Adults**

<table>
<thead>
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<th>Preferred</th>
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<th>Administer diluted solution over 30–60 minutes.</th>
</tr>
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<td>Direct intravenous</td>
<td>Administer reconstituted solution over at least 5 minute.² Follow immediately by 50 mL of a compatible IV fluid.</td>
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**Paediatrics**

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Reconstitution

**Compatible diluent for reconstitution:** water for injection.

**Intermittent intravenous infusion**

Reconstitute each vial (50 mg) with 5–15 mL of water for injection. Reconstituted solution can be stored between 5–25°C for 5 days.

**Direct intravenous administration, paediatric or part dose use**

Reconstitute each vial (50 mg) with 5 mL of water for injection. After reconstitution, each 1 mL of solution contains 10 mg of azathioprine.³ Reconstituted solution can be stored between 5–25°C for 5 days.

Dilution

**Compatible IV fluid(s):** sodium chloride 0.9%, glucose (dextrose) 5%.
**Volume of IV fluid(s):** 20–200 mL.
**Final concentration:** 0.25–2.5 mg/mL.⁴

Reconstituted solution can be further diluted for intravenous infusion. Diluted solution can be stored at 15–25°C for 24 hours. Final concentration and stability may vary when prepared by aseptic compounding pharmacies.
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Monitoring

• Extravasation.

Other information

• See local guidelines, manufacturer’s Medicine Data Sheet and New Zealand Formulary for full prescribing information.