

- **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug. Forms available from special-order manufacturers include: oral suspension, oral solution

Oral suspension

- ▶ **Cozaar** (Merck Sharp & Dohme Ltd)
Losartan potassium 2.5 mg per 1 ml Cozaar 2.5mg/ml oral suspension sugar-free | 200 ml [PoM](#) £53.68 DT = £53.68

Tablet

- ▶ **Losartan potassium (Non-proprietary)**
Losartan potassium 12.5 mg Losartan 12.5mg tablets | 28 tablet [PoM](#) £30.00 DT = £3.09
Losartan potassium 25 mg Losartan 25mg tablets | 28 tablet [PoM](#) £16.18 DT = £3.28
Losartan potassium 50 mg Losartan 50mg tablets | 28 tablet [PoM](#) £12.80 DT = £2.07
Losartan potassium 100 mg Losartan 100mg tablets | 28 tablet [PoM](#) £16.18 DT = £1.95
- ▶ **Cozaar** (Merck Sharp & Dohme Ltd)
Losartan potassium 12.5 mg Cozaar 12.5mg tablets | 28 tablet [PoM](#) £9.70 DT = £3.09
Losartan potassium 25 mg Cozaar 25mg tablets | 28 tablet [PoM](#) £16.18 DT = £3.28
Losartan potassium 50 mg Cozaar 50mg tablets | 28 tablet [PoM](#) £12.80 DT = £2.07
Losartan potassium 100 mg Cozaar 100mg tablets | 28 tablet [PoM](#) £16.18 DT = £1.95

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Valsartan

● INDICATIONS AND DOSE

Hypertension

- ▶ **BY MOUTH**
- ▶ Child 6–17 years (under expert supervision) (body-weight 18–34 kg): Initially 40 mg once daily, adjusted according to response; maximum 80 mg per day
- ▶ Child 6–17 years (under expert supervision) (body-weight 35–79 kg): Initially 80 mg once daily, adjusted according to response; maximum 160 mg per day
- ▶ Child 6–17 years (under expert supervision) (body-weight 80 kg and above): Initially 80 mg once daily, adjusted according to response; maximum 320 mg per day

- **UNLICENSED USE** Capsules not licensed for use in children.
- **CONTRA-INDICATIONS** Biliary cirrhosis · cholestasis
- **INTERACTIONS** → Appendix 1: angiotensin-II receptor antagonists
- **SIDE-EFFECTS**
- ▶ **Uncommon** Heart failure · syncope
- ▶ **Frequency not known** Neutropenia · serum sickness · vasculitis
- **HEPATIC IMPAIRMENT**
Dose adjustments Manufacturer advises maximum 80 mg daily in mild to moderate impairment.
- **RENAL IMPAIRMENT** Avoid if estimated glomerular filtration rate is less than 30 mL/minute/1.73 m²—no information available.

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Oral solution

- ▶ **Diovan** (Novartis Pharmaceuticals UK Ltd)
Valsartan 3 mg per 1 ml Diovan 3mg/1ml oral solution | 160 ml [PoM](#) £7.20 DT = £7.20

Tablet

- ▶ **Valsartan (Non-proprietary)**
Valsartan 40 mg Valsartan 40mg tablets | 7 tablet [PoM](#) £7.50 DT = £6.17
Valsartan 160 mg Valsartan 160mg tablets | 28 tablet [PoM](#) £14.69 DT = £14.69
Valsartan 320 mg Valsartan 320mg tablets | 28 tablet [PoM](#) £20.23 DT = £19.93

Capsule

▶ Valsartan (Non-proprietary)

- Valsartan 40 mg** Valsartan 40mg capsules | 28 capsule [PoM](#) £13.97 DT = £4.53
- Valsartan 80 mg** Valsartan 80mg capsules | 28 capsule [PoM](#) £13.97 DT = £6.79
- Valsartan 160 mg** Valsartan 160mg capsules | 28 capsule [PoM](#) £18.41 DT = £7.81

VASODILATORS > VASODILATOR ANTIHYPERTENSIVES

Hydralazine hydrochloride

29-Mar-2017

● INDICATIONS AND DOSE

Resistant hypertension (adjunct)

▶ BY MOUTH

- ▶ Neonate: 250–500 micrograms/kg every 8–12 hours, increased if necessary to 2–3 mg/kg every 8 hours.
- ▶ Child 1 month–11 years: 250–500 micrograms/kg every 8–12 hours, increased if necessary to 7.5 mg/kg daily; maximum 200 mg per day
- ▶ Child 12–17 years: 25 mg twice daily, increased to 50–100 mg twice daily

▶ BY SLOW INTRAVENOUS INJECTION

- ▶ Neonate: 100–500 micrograms/kg, dose may be repeated if necessary every 4–6 hours; maximum 3 mg/kg per day.
 - ▶ Child 1 month–11 years: 100–500 micrograms/kg, dose may be repeated if necessary every 4–6 hours; maximum 3 mg/kg per day; maximum 60 mg per day
 - ▶ Child 12–17 years: 5–10 mg, dose may be repeated if necessary every 4–6 hours
- ##### ▶ BY CONTINUOUS INTRAVENOUS INFUSION
- ▶ Neonate: 12.5–50 micrograms/kg/hour, continuous intravenous infusion is the preferred route in cardiac patients; maximum 2 mg/kg per day.
 - ▶ Child 1 month–11 years: 12.5–50 micrograms/kg/hour, continuous intravenous infusion is the preferred route in cardiac patients; maximum 3 mg/kg per day
 - ▶ Child 12–17 years: 3–9 mg/hour, continuous intravenous infusion is the preferred route in cardiac patients; maximum 3 mg/kg per day

- **UNLICENSED USE** Not licensed for use in children.
- **CONTRA-INDICATIONS** Acute porphyrias p. 624 · cor pulmonale · high output heart failure · idiopathic systemic lupus erythematosus · myocardial insufficiency due to mechanical obstruction · severe tachycardia
- **CAUTIONS** Cerebrovascular disease · occasionally blood pressure reduction too rapid even with low parenteral doses
- **INTERACTIONS** → Appendix 1: hydralazine
- **SIDE-EFFECTS**
- ▶ **Common or very common** Angina pectoris · diarrhoea · dizziness · flushing · gastrointestinal disorders · headache · hypotension · joint disorders · lupus-like syndrome (after long-term therapy (more common in slow acetylator individuals)) · myalgia · nasal congestion · nausea · palpitations · tachycardia · vomiting
- ▶ **Rare or very rare** Acute kidney injury · agranulocytosis · anaemia · anxiety · appetite decreased · conjunctivitis · depression · dyspnoea · eosinophilia · eye disorders · fever · glomerulonephritis · haematuria · haemolytic anaemia · hallucination · heart failure · hepatic disorders · leucocytosis · leucopenia · lymphadenopathy · malaise · nerve disorders · neutropenia · oedema · pancytopenia · paradoxical pressor response · paraesthesia · pleuritic pain · proteinuria · skin reactions · splenomegaly ·