

immediately without chewing—check individual preparations.

For *intravenous infusion*, dilute in Glucose 5% or Sodium Chloride 0.9%.

- **PRESCRIBING AND DISPENSING INFORMATION** Modified-release preparations are available as 12-hourly or 24-hourly formulations. Non-proprietary preparations of modified-release tramadol may be available as either 12-hourly or 24-hourly formulations; prescribers and dispensers must ensure that the correct formulation is prescribed and dispensed. Branded preparations that should be given 12-hourly include *Invadol[®] SR*, *Mabron[®]*, *Maneo[®]*, *Marol[®]*, *Maxitram[®] SR*, *Oldaram[®]*, *Tilodol[®] SR*, *Tramquel[®] SR*, *Tramulief[®] SR*, *Zamadol[®] SR*, *Zeridame[®] SR* and *Zydol SR[®]*. Preparations that should be given 24-hourly include *Tradorec XL[®]*, *Zamadol[®] 24hr*, and *Zydol XL[®]*.

- **PATIENT AND CARER ADVICE** Patients or carers should be given advice on how to administer tramadol hydrochloride orodispersible tablets.
Medicines for Children leaflet: Tramadol for pain
www.medicinesforchildren.org.uk/tramadol-pain

- **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

Modified-release tablet

CAUTIONARY AND ADVISORY LABELS 2, 25

- ▶ **Brimisol PR** (Bristol Laboratories Ltd)
Tramadol hydrochloride 100 mg Brimisol PR 100mg tablets | 60 tablet [PoM] £18.00 [CD3]
- ▶ **Invadol SR** (Ennogen Healthcare Ltd)
Tramadol hydrochloride 100 mg Invadol SR 100mg tablets | 60 tablet [PoM] £5.55 [CD3]
Tramadol hydrochloride 150 mg Invadol SR 150mg tablets | 60 tablet [PoM] £8.31 [CD3]
Tramadol hydrochloride 200 mg Invadol SR 200mg tablets | 60 tablet [PoM] £11.35 [CD3]
- ▶ **Mabron** (Morningside Healthcare Ltd, Teva UK Ltd)
Tramadol hydrochloride 100 mg Mabron 100mg modified-release tablets | 60 tablet [PoM] £15.52 [CD3]
Tramadol hydrochloride 150 mg Mabron 150mg modified-release tablets | 60 tablet [PoM] £23.28 [CD3]
Tramadol hydrochloride 200 mg Mabron 200mg modified-release tablets | 60 tablet [PoM] £31.04 [CD3]
- ▶ **Maneo** (Mylan)
Tramadol hydrochloride 100 mg Maneo 100mg modified-release tablets | 60 tablet [PoM] £6.95 [CD3]
Tramadol hydrochloride 150 mg Maneo 150mg modified-release tablets | 60 tablet [PoM] £10.40 [CD3]
Tramadol hydrochloride 200 mg Maneo 200mg modified-release tablets | 60 tablet [PoM] £14.20 [CD3]
- ▶ **Marol** (Teva UK Ltd)
Tramadol hydrochloride 100 mg Marol 100mg modified-release tablets | 60 tablet [PoM] £6.94 [CD3]
Tramadol hydrochloride 150 mg Marol 150mg modified-release tablets | 60 tablet [PoM] £10.39 [CD3]
Tramadol hydrochloride 200 mg Marol 200mg modified-release tablets | 60 tablet [PoM] £14.19 [CD3]
- ▶ **Tilodol SR** (Sandoz Ltd)
Tramadol hydrochloride 100 mg Tilodol SR 100mg tablets | 60 tablet [PoM] £15.52 [CD3]
Tramadol hydrochloride 150 mg Tilodol SR 150mg tablets | 60 tablet [PoM] £23.28 [CD3]
Tramadol hydrochloride 200 mg Tilodol SR 200mg tablets | 60 tablet [PoM] £31.04 [CD3]
- ▶ **Tradorec XL** (Endo Ventures Ltd)
Tramadol hydrochloride 100 mg Tradorec XL 100mg tablets | 30 tablet [PoM] £14.10 [CD3]
Tramadol hydrochloride 200 mg Tradorec XL 200mg tablets | 30 tablet [PoM] £14.98 [CD3]
Tramadol hydrochloride 300 mg Tradorec XL 300mg tablets | 30 tablet [PoM] £22.47 [CD3]
- ▶ **Tramulief SR** (Advanz Pharma)
Tramadol hydrochloride 100 mg Tramulief SR 100mg tablets | 60 tablet [PoM] £6.98 [CD3]

- Tramadol hydrochloride 150 mg** Tramulief SR 150mg tablets | 60 tablet [PoM] £10.48 [CD3]
- Tramadol hydrochloride 200 mg** Tramulief SR 200mg tablets | 60 tablet [PoM] £14.28 [CD3]
- ▶ **Zamadol 24hr** (Meda Pharmaceuticals Ltd)
Tramadol hydrochloride 150 mg Zamadol 24hr 150mg modified-release tablets | 28 tablet [PoM] £10.70 [CD3]
Tramadol hydrochloride 200 mg Zamadol 24hr 200mg modified-release tablets | 28 tablet [PoM] £14.26 [CD3]
Tramadol hydrochloride 300 mg Zamadol 24hr 300mg modified-release tablets | 28 tablet [PoM] £21.39 [CD3]
Tramadol hydrochloride 400 mg Zamadol 24hr 400mg modified-release tablets | 28 tablet [PoM] £28.51 DT = £28.51 [CD3]
- ▶ **Zeridame SR** (Actavis UK Ltd)
Tramadol hydrochloride 100 mg Zeridame SR 100mg tablets | 60 tablet [PoM] £17.21 [CD3]
Tramadol hydrochloride 150 mg Zeridame SR 150mg tablets | 60 tablet [PoM] £25.82 [CD3]
Tramadol hydrochloride 200 mg Zeridame SR 200mg tablets | 60 tablet [PoM] £34.43 [CD3]
- ▶ **Zydol SR** (Grünenthal Ltd)
Tramadol hydrochloride 50 mg Zydol SR 50mg tablets | 60 tablet [PoM] £4.60 DT = £4.60 [CD3]
Tramadol hydrochloride 100 mg Zydol SR 100mg tablets | 60 tablet [PoM] £17.22 [CD3]
Tramadol hydrochloride 150 mg Zydol SR 150mg tablets | 60 tablet [PoM] £25.83 [CD3]
Tramadol hydrochloride 200 mg Zydol SR 200mg tablets | 60 tablet [PoM] £34.40 [CD3]
- ▶ **Zydol XL** (Grünenthal Ltd)
Tramadol hydrochloride 150 mg Zydol XL 150mg tablets | 30 tablet [PoM] £12.18 [CD3]
Tramadol hydrochloride 200 mg Zydol XL 200mg tablets | 30 tablet [PoM] £17.98 [CD3]
Tramadol hydrochloride 300 mg Zydol XL 300mg tablets | 30 tablet [PoM] £24.94 [CD3]
Tramadol hydrochloride 400 mg Zydol XL 400mg tablets | 30 tablet [PoM] £32.47 [CD3]
- ▶ **Zytram SR** (Qdem Pharmaceuticals Ltd)
Tramadol hydrochloride 100 mg Zytram SR 100mg tablets | 60 tablet [PoM] £6.94 [CD3]
Tramadol hydrochloride 150 mg Zytram SR 150mg tablets | 60 tablet [PoM] £10.39 [CD3]
Tramadol hydrochloride 200 mg Zytram SR 200mg tablets | 60 tablet [PoM] £14.19 [CD3]

Soluble tablet

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- ▶ **Zydol** (Grünenthal Ltd)
Tramadol hydrochloride 50 mg Zydol 50mg soluble tablets sugar-free | 20 tablet [PoM] £2.79 Schedule 3 (CD Non Register Exempt Safe Custody) sugar-free | 100 tablet [PoM] £13.33 DT = £13.33 [CD3]

Solution for injection

- ▶ **Tramadol hydrochloride (Non-proprietary)**
Tramadol hydrochloride 50 mg per 1 ml Tramadol 100mg/2ml solution for injection ampoules | 5 ampoule [PoM] £4.90 DT = £4.00 [CD3] | 10 ampoule [PoM] £10.00 [CD3]
- ▶ **Zamadol** (Meda Pharmaceuticals Ltd)
Tramadol hydrochloride 50 mg per 1 ml Zamadol 100mg/2ml solution for injection ampoules | 5 ampoule [PoM] £5.49 DT = £4.00 [CD3]
- ▶ **Zydol** (Grünenthal Ltd)
Tramadol hydrochloride 50 mg per 1 ml Zydol 100mg/2ml solution for injection ampoules | 5 ampoule [PoM] £4.00 DT = £4.00 [CD3]

Modified-release capsule

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- ▶ **Maxitram SR** (Chiesi Ltd)
Tramadol hydrochloride 50 mg Maxitram SR 50mg capsules | 60 capsule [PoM] £4.55 DT = £7.24 [CD3]
Tramadol hydrochloride 100 mg Maxitram SR 100mg capsules | 60 capsule [PoM] £12.14 DT = £14.47 [CD3]
Tramadol hydrochloride 150 mg Maxitram SR 150mg capsules | 60 capsule [PoM] £18.21 DT = £21.71 [CD3]
Tramadol hydrochloride 200 mg Maxitram SR 200mg capsules | 60 capsule [PoM] £24.28 DT = £28.93 [CD3]
- ▶ **Tramquel SR** (Beechmere Pharmaceuticals Ltd)
Tramadol hydrochloride 50 mg Tramquel SR 50mg capsules | 60 capsule [PoM] £7.24 DT = £7.24 [CD3]
Tramadol hydrochloride 100 mg Tramquel SR 100mg capsules | 60 capsule [PoM] £14.47 DT = £14.47 [CD3]