

tRAMadol

BRAND NAME	TRAMAL, TRAMADOL AN, TRAMADOL SANDOZ
DRUG CLASS	Weak opioid analgesic, and noradrenaline and serotonin reuptake inhibitor
AVAILABILITY	Ampoule contains 50 mg/mL or 100 mg/2 mL of tramadol hydrochloride. Also contains sodium acetate. The solution is clear and colourless to slightly yellow. ¹
WARNING	May cause respiratory depression when given in high or repeated doses or to patients who are elderly or have compromised respiratory function. Monitor at-risk patients closely. ¹ Increases risk of seizures and serotonin syndrome. ¹
pH	6.2–7 ²
PREPARATION	Not required
STABILITY	Ampoule: store below 30 °C (Sandoz below 25 °C). Protect from light. ¹ Infusion solution: stable for 24 hours at 25 °C. ³
ADMINISTRATION	
IM injection	Suitable ¹
SUBCUT injection	Has been given as a continuous subcutaneous infusion. Seek specialist advice. ⁴
IV injection	Inject over 2 to 3 minutes. ¹ Nausea, vomiting and dizziness are common with IV injection. Infusion is preferred.
IV infusion	Dilute with 50–100 mL of compatible fluid and infuse over at least 15 minutes. ³
IV use for infants and children	For children over 12 years inject over at least 2 to 3 minutes ¹ , or dilute in a convenient volume of glucose 5% or sodium chloride 0.9% for infusion. ⁵
COMPATIBILITY	
Fluids	Dextran 40 ¹ , glucose 5% ¹ , Hartmann's ¹ , Plasma-Lyte 148 via Y-site ⁶ , Ringer's ¹ , sodium bicarbonate 4.2% ¹ , sodium chloride 0.9% ¹
Y-site	No information
INCOMPATIBILITY	
Fluids	No information
Drugs	Aciclovir ⁷ , clindamycin ⁷ , glyceryl trinitrate ¹ , indometacin ¹ , heparin sodium ⁷ , midazolam ¹ , rifampicin ⁷
SPECIAL NOTES	Monitor sedation score and respiratory rate. ⁸ Do not use in patients who are taking monoamine oxidase inhibitors (MAOIs: phenelzine, tranylcypromine, procarbazine) or who have taken them within the last 14 days. ¹

REFERENCES

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