

TABLE 6.1 Sedatives, Tranquillizers and Other Pre-anaesthetic Medication for Use in the Rat.

Drug	Dose rate	Comments
Acepromazine	2.5 mg/kg im, ip	Light sedation
Atropine	0.05 mg/kg ip, sc	Anticholinergic
Dexmedetomidine	15–50 ug/kg sc, ip	Light to heavy sedation, mild to moderate analgesia
Diazepam	2.5–5.0 mg/kg ip, im	Light sedation
Fentanyl/dropiderol (Innovar-Vet)	0.3–0.5 ml/kg im	Immobilization/analgesia
Fentanyl/fluanisone (Hypnorm)	0.2–0.5 ml/kg im 0.3–0.6 ml/kg ip	Light/moderate sedation, moderate analgesia
Glycopyrrolate	0.5 mg/kg im	Anticholinergic
Ketamine	50–100 mg/kg im, ip	Deep sedation, immobilization, mild to moderate analgesia
Medetomidine	30–100 ug/kg sc, ip	Light to heavy sedation, mild to moderate analgesia
Midazolam	5 mg/kg ip	Light sedation
Xylazine	1–3 mg/kg im, ip	Light to heavy sedation, mild to moderate analgesia

Considerable variation in effect occurs between different strains.