

COMMONLY USED ANESTHETICS AND ANALGESICS FOR MICE

DRUG (Generic Name)	DRUG (Brand Name)	ROUTE OF ADMINISTRATION	CONCENTRATION	DOSE	FREQUENCY	USE
Tribromoethanol	Avertin®	Injectable- IP	1.25%	0.02ml/gm	N/A	Anesthetic
Bupivacaine	Marcaine®	Painted on incision site	0.50%	1-2 drops	N/A	Analgesic
Buprenorphine	Buprenex® CV	Injectable-SQ,IP	0.3mg/ml	0.2mg/100gm	Every 12 hours	Analgesic
Butorphanol	Torbutrol® CIV	Injectable-SQ	0.5mg/ml	2.5-5.0 mg/kg	Every 1-2 hours	Analgesic
Ethyl Chloride	Ethyl Chloride®	Topical		3-7 second spray	N/A	Dermal Anesthetic
Halothane	Fluothane®	Inhalant		100% O2 ≤4% HAL- induction	N/A	Anesthetic
Isoflurane	Aerrane®	Inhalant		~1.5% ISO- maintenance	N/A	Anesthetic
Ketamin/Xylazine	Ketaset® CIII/Rompun®	Injectable-IM,IP	100 mg/ml (ketamine) 20-100 mg/ml (xylazine)	100mg/kg Ketamine 10mg/kg Rompun®	N/A	Anesthetic
Ketoprofen	Ketofen®	Injectable-SQ	100 mg/ml	0.08-0.16 mg/kg	Every 12 hours	Analgesic
Pentobarbital	Nembutal® CII	Injectable-IP	50 mg/ml	75-100mg/kg	N/A	Anesthetic
Proparacaine	Alcaine®	Topical Ophthalmic	0.50%	1-2 drops	N/A	Analgesic
Ropivacaine	Naropin®	Painted on incision site	0.50%	1-2 drops	N/A	Analgesic
Tetracaine	Tetracaine®	Topical Ophthalmic	0.50%	1-2 drops	N/A	Analgesic