

Top Exotic-Pet Drug Doses

A curated, cited reference for primary-care exotic-pet clinicians.
Generated from the live ExoticRx formulary. Every entry carries its primary source and an evidence-level label.

How to use this document. Each table below shows a per-species selection of the most commonly prescribed drugs in primary-care exotic practice, with low–high mg/kg dose ranges, route, frequency, evidence-level grading, and the primary source the rule is drawn from. Use it as a starting point, not a substitute for verifying a dose against the calculator and the original literature for each patient.

Evidence levels: **Strong** — replicated PK/PD or controlled trials. **Moderate** — single PK study or consistent case series. **Weak** — limited data. **Anecdotal** — clinical experience without published support. **Extrapolated** — derived from a related species; use the lower end of the range.

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Rabbit (Domestic)

Antibiotic

Drug	Dose	Route	Frequency	Evidence	Source
Amikacin	8.0000–16.0000 mg/kg	SC	q24h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Azithromycin	15.0000–30.0000 mg/kg	PO	q24h	Weak	Carpenter's Exotic Animal Formulary, 6th Ed
Azithromycin	15.0000–30.0000 mg/kg	PO	q24h	Weak	Carpenter's Exotic Animal Formulary, 6th Ed
Cefadroxil	15.0000–25.0000 mg/kg	PO	q12h	Weak	Carpenter's Exotic Animal Formulary, 6th Ed
Cefazolin	20.0000–25.0000 mg/kg	IV	q2h intraoperative	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Cefotaxime	25.0000–50.0000 mg/kg	IM	q8h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed

Antiparasitic

Drug	Dose	Route	Frequency	Evidence	Source
Amitraz	0.0100–0.0250 % solution	Topical	q7-14d	Weak	Carpenter's Exotic Animal Formulary, 6th Ed
Amprolium	40.0000 mg/kg	PO	q24h (in water)	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Decoquinat	1.0000–2.5000 mg/kg	PO	In feed continuously	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Diclazuril	2.5000–5.0000 mg/kg	PO	q24h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Fenbendazole	20.0000 mg/kg	PO	q24h	Strong	Carpenter's Exotic Animal Formulary, 6th Ed
Fenbendazole	20.0000 mg/kg	PO	q24h	Strong	Carpenter's Exotic Animal Formulary, 6th Ed

Analgesic

Drug	Dose	Route	Frequency	Evidence	Source
Budesonide	0.5000–1.0000 mg/kg	PO	q24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Buprenorphine	0.0100–0.0500 mg/kg	IV	q6-12h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Buprenorphine	0.0100–0.0500 mg/kg	IM	q6-12h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Buprenorphine	0.0100–0.0500 mg/kg	IV	q6-12h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Buprenorphine	0.0100–0.0500 mg/kg	IM	q6-12h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Buprenorphine	0.0100–0.0500 mg/kg	SC	q6-12h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed

Antifungal

Drug	Dose	Route	Frequency	Evidence	Source
Fluconazole	5.0000–10.0000 mg/kg	PO	q24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed

Drug	Dose	Route	Frequency	Evidence	Source
Fluconazole	5.0000–10.0000 mg/kg	PO	q24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Itraconazole	5.0000–10.0000 mg/kg	PO	q24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Itraconazole	5.0000–10.0000 mg/kg	PO	q24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Nystatin	0.0000 IU/animal	PO	q8h	Weak	Carpenter's Exotic Animal Formulary, 6th Ed
Terbinafine	20.0000–40.0000 mg/kg	PO	q24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed

Bearded Dragon

Antibiotic

Drug	Dose	Route	Frequency	Evidence	Source
Amikacin	5.0000 mg/kg	IM	q48-72h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Amoxicillin	10.0000–22.0000 mg/kg	PO	q12-24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Amoxicillin	10.0000–22.0000 mg/kg	PO	q12-24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Azithromycin	10.0000–15.0000 mg/kg	PO	q48h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Azithromycin	10.0000 mg/kg	PO	q48-72h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Azithromycin	10.0000–15.0000 mg/kg	PO	q48h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed

Antiparasitic

Drug	Dose	Route	Frequency	Evidence	Source
Albendazole	50.0000–75.0000 mg/kg	PO	q24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Doramectin	0.2000–0.4000 mg/kg	SC	q14d	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Fenbendazole	50.0000–100.0000 mg/kg	PO	once	Strong	Carpenter's Exotic Animal Formulary, 6th Ed
Fenbendazole	50.0000–100.0000 mg/kg	PO	q24h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Fenbendazole	50.0000–100.0000 mg/kg	PO	once	Strong	Carpenter's Exotic Animal Formulary, 6th Ed
Fenbendazole	50.0000–100.0000 mg/kg	PO	q24h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed

Analgesic

Drug	Dose	Route	Frequency	Evidence	Source
Buprenorphine	0.0200–0.1000 mg/kg	IM	q24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Buprenorphine	0.0200–0.1000 mg/kg	IM	q24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Butorphanol	0.4000–2.0000 mg/kg	IM	q12-24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Butorphanol	0.4000–2.0000 mg/kg	IM	q12-24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Butorphanol	0.4000–2.0000 mg/kg	SC	q12-24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Butorphanol	0.4000–2.0000 mg/kg	SC	q12-24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed

Antifungal

Drug	Dose	Route	Frequency	Evidence	Source
Fluconazole	5.0000–10.0000 mg/kg	PO	q48-72h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed

Drug	Dose	Route	Frequency	Evidence	Source
Fluconazole	5.0000–10.0000 mg/kg	PO	q48-72h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Fluconazole	5.0000–10.0000 mg/kg	PO	q48-72h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Fluconazole	5.0000–10.0000 mg/kg	PO	q48-72h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Isavuconazole	5.0000–10.0000 mg/kg	PO	q24-48h	Weak	Carpenter's Exotic Animal Formulary, 6th Ed
Itraconazole	5.0000–10.0000 mg/kg	PO	q24-48h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed

African Grey Parrot

Antibiotic

Drug	Dose	Route	Frequency	Evidence	Source
Amikacin	15.0000–20.0000 mg/kg	IM	q12h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Amoxicillin	150.0000–175.0000 mg/kg	PO	q8-12h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Amoxicillin	150.0000–175.0000 mg/kg	PO	q8-12h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Ampicillin	100.0000–200.0000 mg/kg	IM	q8-12h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Azithromycin	40.0000–50.0000 mg/kg	PO	q24-48h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Azithromycin	40.0000–50.0000 mg/kg	PO	q24-48h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed

Antiparasitic

Drug	Dose	Route	Frequency	Evidence	Source
Amprolium	25.0000–40.0000 mg/kg	PO	q24h (in water)	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Carnidazole	10.0000–20.0000 mg/kg	PO	once	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Diclazuril	10.0000–25.0000 mg/kg	PO	Single dose, repeat in 7 days	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Fenbendazole	10.0000–50.0000 mg/kg	PO	q24h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Fenbendazole	20.0000–50.0000 mg/kg	PO	q24h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Fenbendazole	10.0000–50.0000 mg/kg	PO	q24h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed

Analgesic

Drug	Dose	Route	Frequency	Evidence	Source
Budesonide	0.5000–1.0000 mg/kg	PO	q24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Buprenorphine	0.0500–0.1000 mg/kg	SC	q8-12h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Buprenorphine	0.0500–0.1000 mg/kg	SC	q8-12h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Buprenorphine	0.1000 mg/kg	IM	q8-12h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Buprenorphine	0.1000 mg/kg	IM	q8-12h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Butorphanol	1.0000–4.0000 mg/kg	IM	q2-4h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed

Antifungal

Drug	Dose	Route	Frequency	Evidence	Source
Amphotericin B Liposomal	1.0000–3.0000 mg/kg	IV	q24-72h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed

Drug	Dose	Route	Frequency	Evidence	Source
Clotrimazole	0.0000 mg/kg	Topical	1% solution flush q12h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Fluconazole	5.0000–15.0000 mg/kg	PO	q24h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Fluconazole	5.0000–15.0000 mg/kg	PO	q24h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Fluconazole	5.0000–15.0000 mg/kg	PO	q24h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Itraconazole	10.0000 mg/kg	PO	q12h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed

Guinea Pig

Antibiotic

Drug	Dose	Route	Frequency	Evidence	Source
Amikacin	10.0000–15.0000 mg/kg	SC	q24h	Weak	Carpenter's Exotic Animal Formulary, 6th Ed
Azithromycin	15.0000–30.0000 mg/kg	PO	q24h	Weak	Carpenter's Exotic Animal Formulary, 6th Ed
Azithromycin	15.0000–30.0000 mg/kg	PO	q24h	Weak	Carpenter's Exotic Animal Formulary, 6th Ed
Cefadroxil	15.0000–25.0000 mg/kg	PO	q12h	Weak	Carpenter's Exotic Animal Formulary, 6th Ed
Cefazolin	20.0000–25.0000 mg/kg	IV	q2h intraoperative	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Cefotaxime	25.0000–50.0000 mg/kg	IM	q8h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed

Antiparasitic

Drug	Dose	Route	Frequency	Evidence	Source
Decoquinatate	0.5000–1.0000 mg/kg	PO	In feed continuously	Anecdotal	Carpenter's Exotic Animal Formulary, 6th Ed
Fenbendazole	20.0000–50.0000 mg/kg	PO	q24h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Fenbendazole	20.0000–50.0000 mg/kg	PO	q24h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Fenbendazole	20.0000–50.0000 mg/kg	PO	q24h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Fenbendazole	20.0000–50.0000 mg/kg	PO	q24h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Ivermectin	0.2000–0.5000 mg/kg	SC	q7-14d	Strong	Carpenter's Exotic Animal Formulary, 6th Ed

Analgesic

Drug	Dose	Route	Frequency	Evidence	Source
Buprenorphine	0.0200–0.0500 mg/kg	IM	q6-12h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Buprenorphine	0.0200–0.0500 mg/kg	IM	q6-12h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Buprenorphine	0.0200–0.0500 mg/kg	IV	q6-12h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Buprenorphine	0.0200–0.0500 mg/kg	IV	q6-12h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Buprenorphine	0.0200–0.0500 mg/kg	SC	q6-12h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Buprenorphine	0.0200–0.0500 mg/kg	SC	q6-12h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed

Antifungal

Drug	Dose	Route	Frequency	Evidence	Source
Fluconazole	5.0000–10.0000 mg/kg	PO	q24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed

Drug	Dose	Route	Frequency	Evidence	Source
Fluconazole	5.0000–10.0000 mg/kg	PO	q24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Itraconazole	5.0000–10.0000 mg/kg	PO	q24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Itraconazole	5.0000–10.0000 mg/kg	PO	q24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Terbinafine	20.0000–40.0000 mg/kg	PO	q24h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Terbinafine	20.0000–40.0000 mg/kg	PO	q24h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed

Ball Python

Antibiotic

Drug	Dose	Route	Frequency	Evidence	Source
Amikacin	5.0000 mg/kg	IM	q72h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Cefazolin	20.0000–25.0000 mg/kg	IM	q48-72h	Weak	Carpenter's Exotic Animal Formulary, 6th Ed
Cefotaxime	20.0000–40.0000 mg/kg	IM	q48-72h	Weak	Carpenter's Exotic Animal Formulary, 6th Ed
Ceftazidime	20.0000 mg/kg	SC	q72h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Ceftazidime	20.0000 mg/kg	IM	q72h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Ceftazidime	20.0000 mg/kg	IM	q72h	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed

Antiparasitic

Drug	Dose	Route	Frequency	Evidence	Source
Fenbendazole	50.0000–100.0000 mg/kg	PO	once	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Fenbendazole	50.0000–100.0000 mg/kg	PO	once	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Fenbendazole	50.0000–100.0000 mg/kg	PO	once	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Fenbendazole	50.0000–100.0000 mg/kg	PO	once	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Ivermectin	0.2000 mg/kg	SC	q14d	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed
Ivermectin	0.2000 mg/kg	SC	q14d	Moderate	Carpenter's Exotic Animal Formulary, 6th Ed

Analgesic

Drug	Dose	Route	Frequency	Evidence	Source
Buprenorphine	0.0200–0.1000 mg/kg	IM	q24-48h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Buprenorphine	0.0200–0.1000 mg/kg	IM	q24-48h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Butorphanol	0.5000–2.0000 mg/kg	IM	q24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Butorphanol	0.5000–2.0000 mg/kg	IM	q24h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Meloxicam	0.1000–0.3000 mg/kg	PO	q24-48h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Meloxicam	0.1000–0.3000 mg/kg	IM	q24-48h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed

Antifungal

Drug	Dose	Route	Frequency	Evidence	Source
Fluconazole	5.0000–15.0000 mg/kg	PO	q48-72h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Fluconazole	5.0000–15.0000 mg/kg	PO	q48-72h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Fluconazole	5.0000–10.0000 mg/kg	PO	q48-72h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed

Drug	Dose	Route	Frequency	Evidence	Source
Fluconazole	5.0000–10.0000 mg/kg	PO	q48-72h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Itraconazole	5.0000–10.0000 mg/kg	PO	q24-48h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed
Itraconazole	5.0000–10.0000 mg/kg	PO	q24-48h	Extrapolated	Carpenter's Exotic Animal Formulary, 6th Ed

About this reference

This document is a **printable subset** of the live ExoticRx formulary. The full reference at **exoticrx.com** includes:

- All 18 species (livestock, equine, hedgehog, sugar glider, ferret, and more)
- Weight-based calculator with concentration → mL conversion and clinical rounding
- Drug interaction checker with severity grading and species context
- Long-form clinical articles updated twice a week
- Per-rule error reporting — corrections published with credit to the reporter

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