

In Polymer Formulations Dosing Guide

Buprenorphine Base Lab in Polymer

Concentration	Mouse	Rat	Gerbil	Guinea Pig	Ferret	Cat	Dog	Macaque	Rabbit	Swine	Sheep
0.5mg/ml	1.0mg/kg	1.0-1.2 mg/kg	0.6mg/kg	0.3mg/kg	-	-	-	-	-	-	-
1mg/ml	1.0mg/kg	1.0-1.2 mg/kg	0.6mg/kg	0.3mg/kg	0.06-0.3 mg/kg	0.12 mg/kg	0.03-0.06 mg/kg	0.2 mg/kg	0.1mg/kg	-	-

Buprenorphine HCl in Polymer

Concentration	Mouse	Rat	Gerbil	Guinea Pig	Ferret	Cat	Dog	Macaque	Rabbit	Swine	Sheep
1mg/ml	-	1.0-1.2 mg/kg	0.6mg/kg	0.3mg/kg	0.06-0.3 mg/kg	0.12 mg/kg	0.03-0.06 mg/kg	-	0.1mg/kg	-	-
3mg/ml	-	-	-	-	-	0.12mg/kg	0.03-0.06 mg/kg	0.2mg/kg	0.1mg/kg	0.12-0.24 mg/kg	-
10mg/ml	-	-	-	-	-	0.12mg/kg	0.03-0.06 mg/kg	0.2mg/kg	-	0.12-0.24 mg/kg	0.27mg/kg

Meloxicam in Polymer

Concentration	Mouse	Rat	Gerbil	Guinea Pig	Ferret	Cat	Dog	Macaque	Rabbit	Swine	Sheep
2mg/ml	2mg/kg [†]	4mg/kg	3mg/kg	1.5mg/kg	0.4mg/kg	N/A	0.6 mg/kg	0.6 mg/kg	0.9mg/kg	1.2mg/kg	-
10mg/ml	-	-	-	-	-	-	0.6mg/kg	0.6mg/kg	-	1.2mg/kg	1.5mg/kg

[†]Since mice metabolize meloxicam at a rate 20x higher than rats, therapeutic levels of sustained release may not exceed 24 hours.

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