

Experiment Number: C61541C

Route: Dosed Feed

Species/Strain: Rat/F344

Toxicokinetics Data Summary

Test Compound: Codeine phosphate

CAS Number: 52-28-8

Date Report Requested: 12/29/2016

Time Report Requested: 15:25:01

Lab: Burroughs Wellcome Company

Male

Treatment Groups (ppm)

400 #, 3 400 *, 3 400 #, 2 400 o, 3 400 #, 1 400 o, 2 400 ~, 3 400 o, 1 400 ~, 2 400 *, 1 400 ~, 1 400 *, 2 1600 #, 2

Plasma

AUC_{0-t} (ng/mL*hr) 27400 328 14972 221 15300 270 1124 243 895 310 925 305 52362

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Treatment Groups (ppm)

	1600 #, 1	1600 ~, 3	1600 ~, 2	1600 ~, 1	1600 *, 3	1600 *, 2	1600 *, 1	1600 o, 3	1600 o, 2	1600 #, 3	1600 o, 1
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Plasma

AUC_{0-t} (ng/mL*hr)	51414	5218	3864	5192	4582	3856	4510	4286	3474	106904	4243
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LEGEND

Data are displayed as mean values

MODELING METHOD & BEST FIT MODEL

AUC values calculated using trapezoidal rule

ANALYTE

Total Morphine

* Total Codeine

~ Morphine

° Codeine

STUDY TIME

¹ 3 Day

² 5 Day

³ 10 Day

TK PARAMETERS

AUC_{0-t} = Area under the plasma concentration versus time curve, AUC, from time t_i (initial) to t_f (final), AUC_{last}

**** END OF REPORT ****