

Experiment Number: C61541C

Route: Dosed Feed

Species/Strain: Rat/F344

Toxicokinetics Data Summary

Test Compound: Codeine

CAS Number: 76-57-3

Date Report Requested: 12/29/2016

Time Report Requested: 15:40:04

Lab: Burroughs Wellcome Company

Male

Treatment Groups (ppm)

400 #, 2 400 #, 1 400 *, 2 400 #, 3 400 ~, 1 400 °, 2 400 ~, 3 400 °, 1 400 °, 3 400 ~, 2 400 *, 3 400 *, 1 800 #, 3 800 *, 2 800 *, 1 800 #, 1 800 °, 3 800 #, 2

Plasma

AUC_{0-t} (ng/mL*hr) 14590 12908 414 27654 1017 365 1421 298 372 881 464 403 45288 2217 1099 20644 1608 20300

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Treatment Groups (ppm)

800^{o,2} 800^{*,3} 800^{~,1} 800^{~,2} 800^{o,1} 800^{~,3} 1600^{~,3} 1600^{~,2} 1600^{~,1} 1600^{*,3} 1600^{*,2} 1600^{*,1} 1600^{o,3} 1600^{o,2} 1600^{o,1} 1600^{#,3} 1600^{#,2} 1600^{#,1}

Plasma

AUC_{0-t} (ng/mL*hr) 1921 1829 1283 1242 828 1749 3954 3984 2652 5214 6024 7492 4728 5330 7386 103412 54790 44494

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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 ****