

Experiment Number: S0373

Route: IV

Species/Strain: Rat

Toxicokinetics Data Summary

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 11/09/2016

Time Report Requested: 14:04:04

Lab: CEDRA

Male

Treatment Groups (mg/kg)

0.5 IV

2.5 IV

5 IV

Plasma

C _{max} (ng/mL)	499.0 ± 51.0	3433.0 ± 205.0	6313.0 ± 294.0
T _{max} (minute)	5.0	5.0	5.0
t _{1/2} (hour)	0.3	1.1	1.7
Cl (mL/hr/kg)	2185	387	253
V _{ss} (mL/kg)	792	557	690
MRT (hour)	0.4	1.4	2.7
AUC _{inf} (ng*h/mL)	229	6461	19741

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LEGEND

Data are displayed as mean \pm SD

ANALYTE

Pyridine

TK PARAMETERS

C_{max} = Observed or Predicted Maximum plasma (or tissue) concentration

T_{max} = Time at which C_{max} predicted or observed occurs

$t_{1/2}$ = λ_z half-life, $t_{1/2}$, the terminal elimination half-life based on non-compartmental analysis

Cl = Clearance, includes total clearance

V_{ss} = Volume of distribution at steady state

MRT = Mean residence time

AUC_{inf} = Area under the plasma concentration versus time curve, AUC, extrapolated to time equals infinity

**** END OF REPORT ****