

Experiment Number: S0665
Route: Gavage
Species/Strain: Rat/Sprague-Dawley

Toxicokinetics Data Summary
Test Compound: 3,3',4,4'-tetrachloroazobenzene
CAS Number: 14047-09-7

Date Report Requested: 12/29/2016
Time Report Requested: 14:38:21
Lab: Battelle Columbus_Research Triangle Institute

	Female	
	Treatment Groups (mg/kg)	
	3	100
	Whole blood	
C _{max} (ng/mL)	192.3	619.8
T _{max} (hour)	1.0	3.0
Lambda _z (hour ⁻¹)	0.5741	0.1451
t _{1/2} (Beta) (hour)	1.2	4.8
Cl (mL/hr/kg)	3004.9	34890
V _{ss} (mL/kg)	5680.5	240507
MRT (hour)	17.75	5.423
AUC _{inf} (ng*hr/mL)	998.4	2868

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LEGEND

Data are displayed as mean values

MODELING METHOD & BEST FIT MODEL

WinNonlin; Non-compartmental analysis.

ANALYTE

3,3',4,4'-Tetrachloroazobenzene

TK PARAMETERS

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

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

λ_z = Non-compartmental analysis (NCA) terminal elimination rate constant, NCA k_e or k_{elim}

$t_{1/2(\beta)}$ = Half-life for the beta phase

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 ****