

Study Number: C11054-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

C Number:

Study Gender:

PWG Approval Date

PA48: Summary of Tissue Concentration

Test Compound: Sulfolane

CAS Number: 126-33-0

C11054-01

Both

See web page for date of PWG Approval

Date Report Requested: 01/28/2019

Time Report Requested: 08:10:46

Lab: Battelle

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| | | Male | | | |
|--------------|--|------------------|------------------|-----------------|-----------------------|
| Phase | Dose (mg/kg) | 0 | 1 | 10 | 30 |
| SD 28 | Sulfolane Plasma Concentration (ng/ml) | 1.76 ± 1.13 (3) | NR | NR | 26033.33 ± 405.52 (3) |
| SD 29 | Sulfolane Plasma Concentration (ng/ml) | 1.32 ± 0.20 (10) | 3.41 ± 1.42 (10) | 8.56 ± 3.95 (9) | 38.22 ± 8.54 (10) |

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| | | Male | | |
|--------------|--|-------------------------|---------------------------|---------------------------|
| Phase | Dose (mg/kg) | 100 | 300 | 800 |
| SD 28 | Sulfolane Plasma Concentration (ng/ml) | 115333.33 ± 4630.81 (3) | 543333.33 ± 63080.20 (3) | NR |
| SD 29 | Sulfolane Plasma Concentration (ng/ml) | 8426.24 ± 2071.22 (10) | 340300.00 ± 19619.18 (10) | 720800.00 ± 36079.17 (10) |

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| | | Female | | | |
|-------|--|------------------|------------------|------------------|------------------------|
| Phase | Dose (mg/kg) | 0 | 1 | 10 | 30 |
| SD 28 | Sulfolane Plasma Concentration (ng/ml) | 5.33 ± 1.80 (3) | NR | NR | 31000.00 ± 2610.24 (3) |
| SD 29 | Sulfolane Plasma Concentration (ng/ml) | 2.38 ± 1.03 (10) | 2.04 ± 0.35 (10) | 5.70 ± 1.05 (10) | 20.24 ± 3.72 (10) |

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| | | Female | | |
|-------|--|-------------------------|--------------------------|---------------------------|
| Phase | Dose (mg/kg) | 100 | 300 | 800 |
| SD 28 | Sulfolane Plasma Concentration (ng/ml) | 109000.00 ± 3214.55 (3) | 461333.33 ± 32543.99 (3) | NR |
| SD 29 | Sulfolane Plasma Concentration (ng/ml) | 3945.50 ± 1422.20 (10) | 171800.00 ± 9756.82 (10) | 594400.00 ± 55074.13 (10) |

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LEGEND

Data are displayed as mean \pm SEM (N) unless otherwise noted.

SD – Study Day

Values below the limit of detection (LOD) were substituted with 1/2 the LOD value.

If 80% or more of the values in a dose group were below the LOD, no statistical analysis was performed.

SD 28: Samples were taken 2 hours post dose from animals in the 0, 30, 100, and 300 mg/kg dose groups only. SD 29: 24 hour post dose samples were taken from animals in the 0, 1, 10, 30, 100, 300, and 800 mg/kg dose groups.

Decrease in N for Sulfolane Plasma Concentration in the 10 mg/kg group is due to one male's value being excluded because it was an outlier.

NR – not recorded

**** END OF REPORT ****