

Experiment Number: G13115

Test Type: Genetic Toxicology - Micronucleus

Route: Oral gavage

Species/Strain: Rat/Sprague-Dawley

G04: In Vivo Micronucleus Summary Data

Test Compound: 3-(2H benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Date Report Requested: 05/24/2018

Time Report Requested: 12:34:31

NTP Study Number:

G13115

Study Duration:

14 day

Study Methodology:

Flow cytometry

Male Study Result:

Equivocal

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Tissue: Blood; Sex: Male

Dose (mg/kg/day)	N	MN PCE/1000		N	MN NCE/1000		% PCE	
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM	p-Value
Vehicle Control ¹	5	0.600 ± 0.108		5	0.090 ± 0.009		0.793 ± 0.107	
30	5	0.597 ± 0.102	0.5051	5	0.131 ± 0.016	0.1534	0.918 ± 0.073	1.0000
100	5	0.830 ± 0.087	0.1571	5	0.130 ± 0.016	0.1849	1.182 ± 0.121	0.1924
300	5	0.660 ± 0.070	0.1677	5	0.103 ± 0.017	0.1983	0.841 ± 0.115	1.0000
1000	5	0.948 ± 0.070	0.0069 *	5	0.297 ± 0.038	< 0.001 *	1.464 ± 0.386	0.4876
Trend p-value		0.0061 *			< 0.001 *		0.2320	

Trial Summary: Equivocal

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LEGEND

MN = micronucleated, PCE = polychromatic erythrocyte, NCE = normochromatic erythrocyte

CAS Number = Chemical Abstracts Service registry number

N = Number of subjects

Values given as Mean or Mean \pm Standard Error Mean

*Statistically significant pairwise or trend at $P < 0.025$ before rounding

Statistical analysis performed by Jonckheere or LinearTrend (trend) and Williams or Dunn (pairwise) tests

1: Vehicle Control: 0.5% Methylcellulose

**** END OF REPORT ****