

Experiment Number: F75748

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Pubertal vinclozolin study

CAS Number: 50471-44-8

Date Report Requested: 09/23/2018

Time Report Requested: 09:55:53

**NTP Study Number:**

F75748

**Study Duration:**

4 Days

**Study Methodology:**

Flow Cytometry

**Male Study Result:**

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 4; Time interval between final treatment and cell sampling: 28 h

Dose (mg/kg)	N	MN PCE/1000		N	MN NCE/1000		% PCE	
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM	p-Value
Vehicle Control <sup>1</sup>	5	2.820 ± 0.090		5	1.445 ± 0.005		1.364 ± 0.073	
500.0	5	2.190 ± 0.084	0.9822	5	1.452 ± 0.029	1.0000	1.493 ± 0.037	0.1258
750.0	5	2.220 ± 0.218	0.9942	5	1.420 ± 0.011	1.0000	1.650 ± 0.063	0.0204 *
1000.0	5	2.100 ± 0.162	0.9964	5	1.385 ± 0.035	1.0000	1.530 ± 0.068	0.0209 *
Trend p-Value		0.9987			0.9599		0.0218 *	
Positive Control <sup>2</sup>	5	22.987 ± 1.343	0.0045 *	5	1.876 ± 0.022	0.0045 *	0.356 ± 0.032	< 0.001 *

Trial Summary: Negative

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LEGEND

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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

Pairwise comparison with the control group; values are significant at  $P \leq 0.025$  by Williams or Dunn's test

Dose-related trend; significant at  $P \leq 0.025$  by linear regression or Jonckheere's test

\* Statistically significant pairwise or trend test

1: Vehicle Control: Corn Oil

2: 25.0 mg/kg Cyclophosphamide

**\*\* END OF REPORT \*\***