Study Number:	C13115-01
Study Sex:	Male
PWG Approval Date:	See web page for date of PWG Approval
Version:	v1.7.6
Stat Version:	2023.02.27S

Study Number: C13115-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Harlan Sprague Dawley

PA43: Hematology Summary
Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester
CAS Number: 84268-23-5

Date Report Requested: 04/24/2026
Time Report Requested: 11:08:53
Lab: Battelle

Male

		Treatment Groups (mg/kg)			
	Phase Day	**0**	**30**	**100**	**300**
Hematocrit (%)	SD 14	53.1 ± 1.0 (5) **	51.2 ± 0.8 (5)	49.2 ± 0.6 (5) *	51.6 ± 1.4 (4) *
Percent of Control			96.4	92.6	97.1
Manual Hematocrit (%)	SD 14	51.8 ± 1.2 (5) **	50.2 ± 0.9 (5)	48.0 ± 0.7 (5)	50.8 ± 0.8 (4)
Percent of Control			96.9	92.7	98.0
Hemoglobin (g/dL)	SD 14	16.3 ± 0.3 (5)	15.8 ± 0.2 (5)	15.3 ± 0.1 (5)	16.2 ± 0.3 (4)
Percent of Control			96.6	93.6	99.0
Erythrocytes (10^6/uL)	SD 14	9.35 ± 0.19 (5)	8.67 ± 0.13 (5)	8.57 ± 0.13 (5) *	9.28 ± 0.19 (4)
Percent of Control			92.7	91.7	99.3
Reticulocytes (10^3/uL)	SD 14	197.4 ± 21.4 (5)	221.7 ± 10.3 (5)	238.2 ± 23.0 (5)	167.6 ± 5.1 (4)
Percent of Control			112.3	120.7	84.9
Mean Cell Volume (fL)	SD 14	56.9 ± 0.3 (5) **	59.1 ± 0.8 (5)	57.4 ± 0.9 (5)	55.7 ± 0.5 (4)
Percent of Control			104.0	100.9	97.9
Mean Cell Hemoglobin (pg)	SD 14	17.5 ± 0.2 (5)	18.2 ± 0.3 (5)	17.8 ± 0.2 (5)	17.4 ± 0.3 (4)
Percent of Control			104.1	101.9	99.8
Mean Cell Hemoglobin Concentration (g/dL)	SD 14	30.7 ± 0.1 (5) **	30.8 ± 0.1 (5)	31.0 ± 0.2 (5)	31.3 ± 0.5 (4)
Percent of Control			100.3	101.1	101.9
Platelets (10^3/uL)	SD 14	784 ± 114 (5) **	932 ± 83 (5)	1004 ± 73 (5)	1145 ± 68 (4) *
Percent of Control			118.9	128.1	146.1
White Blood Cells (10^3/uL)	SD 14	9.23 ± 0.99 (5)	10.84 ± 0.82 (5)	15.62 ± 0.83 (5) **	12.02 ± 0.63 (4)
Percent of Control			117.4	169.3	130.2
Neutrophils (10^3/uL)	SD 14	0.89 ± 0.20 (5) **	0.88 ± 0.08 (5)	1.60 ± 0.25 (5) *	1.42 ± 0.09 (4) *
Percent of Control			99.5	180.4	159.6

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		Treatment Groups (mg/kg)			
	Phase Day	**0**	**30**	**100**	**300**
Lymphocytes (10^3/uL)	SD 14	7.90 ± 0.84 (5)	9.46 ± 0.66 (5)	13.24 ± 0.65 (5) **	10.05 ± 0.44 (4)
Percent of Control			119.7	167.6	127.2
Monocytes (10^3/uL)	SD 14	0.27 ± 0.04 (5) *	0.31 ± 0.08 (5)	0.47 ± 0.06 (5)	0.33 ± 0.07 (4)
Percent of Control			112.5	172.8	120.4
Basophils (10^3/uL)	SD 14	0.04 ± 0.01 (5)	0.05 ± 0.01 (5)	0.08 ± 0.00 (5) *	0.05 ± 0.01 (4)
Percent of Control			150.0	211.1	145.8
Eosinophils (10^3/uL)	SD 14	0.07 ± 0.01 (5)	0.05 ± 0.01 (5)	0.09 ± 0.02 (5)	0.09 ± 0.02 (4)
Percent of Control			68.6	134.3	132.1
Large Unstained Cells (10^3/uL)	SD 14	0.07 ± 0.01 (5)	0.08 ± 0.01 (5)	0.13 ± 0.00 (5) *	0.08 ± 0.01 (4)
Percent of Control			127.3	203.0	121.2

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		Treatment Groups
	Phase Day	**1000**
Hematocrit (%)	SD 14	41.8 ± 2.7 (4) **
Percent of Control		78.6
Manual Hematocrit (%)	SD 14	42.2 ± 2.6 (5) **
Percent of Control		81.5
Hemoglobin (g/dL)	SD 14	14.3 ± 1.0 (4)
Percent of Control		87.8
Erythrocytes (10^6/uL)	SD 14	8.17 ± 0.58 (4)
Percent of Control		87.4
Reticulocytes (10^3/uL)	SD 14	303.3 ± 41.0 (4)
Percent of Control		153.6
Mean Cell Volume (fL)	SD 14	51.2 ± 0.6 (4) *
Percent of Control		90.0
Mean Cell Hemoglobin (pg)	SD 14	17.6 ± 0.3 (4)
Percent of Control		100.5
Mean Cell Hemoglobin Concentration (g/dL)	SD 14	34.3 ± 0.3 (4) **
Percent of Control		111.6
Platelets (10^3/uL)	SD 14	1087 ± 209 (4) *
Percent of Control		138.7
White Blood Cells (10^3/uL)	SD 14	10.89 ± 1.97 (4)
Percent of Control		117.9
Neutrophils (10^3/uL)	SD 14	3.60 ± 0.70 (4) **
Percent of Control		404.8

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		Treatment Groups
	Phase Day	**1000**
Lymphocytes (10^3/uL)	SD 14	6.39 ± 1.88 (4)
Percent of Control		80.9
Monocytes (10^3/uL)	SD 14	0.74 ± 0.24 (4)
Percent of Control		271.1
Basophils (10^3/uL)	SD 14	0.04 ± 0.02 (4)
Percent of Control		104.2
Eosinophils (10^3/uL)	SD 14	0.07 ± 0.02 (4)
Percent of Control		100.0
Large Unstained Cells (10^3/uL)	SD 14	0.06 ± 0.02 (4)
Percent of Control		94.7

LEGEND

Values given as mean ± SEM (N) with Percent of Control calculated by (dosed group mean / control group mean) x 100.

SD = Study Day

Statistical analysis was performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests.

Statistical significance for the control group indicates a significant trend test.

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group.

* Statistically significant at p <= 0.05

** Statistically significant at p <= 0.01

SEM = Standard Error of the Mean

Hematology data not reported was removed as an outlier, or was due to pre-analytical or analytical conditions or errors including but not limited to: short sample, quantity not sufficient, or clotted sample.

** END OF REPORT **