G04: In Vivo Micronucleus Assay Summary Data (Study Method: Flow Cytometry)

Study Number: C13111-01
DTTID: 104-015-001-000-2
Study Type: Toxicology-14-day
Species/Strain: Rat/Harlan Sprague Dawley

Test Compound: 2-(2H-benzotriazol-2-yl)phenol
CAS Number: 10096-91-0
DTXSID: DTXSID60877078

Date: 14 May 2026
Time: 3:12:50 PM

Evaluation of micronuclei in peripheral blood from Sprague-Dawley Rats for 14 days via oral gavage

Summary of Results

	Results
Overall Result	Negative
Male Rat Study	Negative

G04: In Vivo Micronucleus Assay Summary Data (Study Method: Flow Cytometry)

Study Number: C13111-01
DTTID: 104-015-001-000-2
Study Type: Toxicology-14-day
Species/Strain: Rat/Harlan Sprague Dawley

Test Compound: 2-(2H-benzotriazol-2-yl)phenol
CAS Number: 10096-91-0
DTXSID: DTXSID60877078

Date: 14 May 2026
Time: 3:12:50 PM

Evaluation of micronuclei in peripheral blood from Male Sprague-Dawley Rats for 14 days via oral gavage

2-(2H-benzotriazol-2-yl)phenol; Male

	MN-RET/1000	MN-ME/1000	%RET	Summary
Vehicle Control (0.5% Aqueous Methylcellulose)				
0 mg/kg/day	0.560 ± 0.06[5]	0.102 ± 0.03[5]	0.960 ± 0.08[5]	
Test Article				
30 mg/kg/day	0.750 ± 0.09[5], p=0.561	0.076 ± 0.01[5], p=1.000	1.082 ± 0.08[5], p=1.000	
100 mg/kg/day	0.620 ± 0.14[5], p=1.000	0.078 ± 0.01[5], p=1.000	1.286 ± 0.13[5], p=0.157	
300 mg/kg/day	0.340 ± 0.07[5], p=1.000	0.074 ± 0.01[5], p=1.000	1.348 ± 0.10[5], p=0.035	
1000 mg/kg/day	0.710 ± 0.10[5], p=0.730	0.097 ± 0.01[5], p=0.780	1.210 ± 0.06[5], p=0.157	
Trend Significance				
p-value	0.623	0.195	0.007*	
Male Rat Study				
Result				Negative

G04: In Vivo Micronucleus Assay Summary Data (Study Method: Flow Cytometry)

Study Number: C13111-01
DTTID: 104-015-001-000-2
Study Type: Toxicology-14-day
Species/Strain: Rat/Harlan Sprague Dawley

Test Compound: 2-(2H-benzotriazol-2-yl)phenol
CAS Number: 10096-91-0
DTXSID: DTXSID60877078

Date: 14 May 2026
Time: 3:12:50 PM

LEGEND

CAS Number = Chemical Abstract Service registry number

MN = micronucleated; RET = reticulocyte; ME = mature erythrocyte

Values given as Mean ± Standard Error of the Mean (SEM) [Number of Test Subjects], p-value

MN-RET/1000 and MN-ME/1000: Pairwise comparison of treated groups vs the vehicle control group; values are significant at $p \leq 0.025$ by one-sided Dunn's test; dose-related trend, significant at $p \leq 0.025$ by one-sided Jonckheere's test

%RET: Pairwise comparison of treated groups vs the vehicle control group; values are significant at $p \leq 0.025$ by two-sided Dunn's test; dose-related trend, significant at $p \leq 0.025$ by two-sided Jonckheere's test

*Statistically significant pairwise or trend test

** END OF REPORT **