

Table 4. Incidence and Severity of Histopathologic Liver Lesions in Mice in the 90-d Gavage Study of CYN^a.

Dose (µg/kg)	0	75	150	300
Male (n)	9	10	9	10
Hepatic cord architecture distortion	4 (1.3)	3 (1.3)	4 (1.8)	7 (1.1)
Hepatic sinusoidal ectasia/hemorrhage	3 (1.0)	2 (1.5)	4 (1.3)	1 (1.0)
Hepatocyte hypertrophy with cytoplasmic alteration	7 (1.7)	10 (2.1)	9 (2.0)	10 (2.5)*
Hepatocyte cell death, random	1 (1.0)	0	5 (1.2)	6 (1.2)*
Hepatocyte cell death, centrilobular with inflammation	2 (1.0)	5 (1.0)	6 (1.3)*	5 (1.4)
Hepatic inflammation, periportal	1 (1.0)	5 (1.0)	4 (1.3)	4 (1.0)
Pigmentation, hepatocyte intracytoplasmic/intracanalicular	0	3 (1.0)	4 (1.3)*	3 (1.3)
Pigmentation, Kupffer cells	0	5 (1.4)*	5 (1.0)*	8 (1.3)*
Female (n)	9	10	10	10
Hepatic cord architecture distortion	0	4 (1.5)*	9 (1.4)*	9 (1.4)*
Hepatic sinusoidal ectasia/hemorrhage	0	3 (1.0)	7 (1.1)*	5 (1.4)*
Hepatocyte hypertrophy with cytoplasmic alteration	5 (1.0)	9 (1.7)*	10 (1.70)*	9 (2.1)*
Hepatocyte cell death, random	0	2 (1.0)	7 (1.1)*	6 (1.3)*
Hepatocyte cell death, centrilobular with inflammation	0	0	6 (1.2)*	2 (1.0)
Hepatic inflammation, periportal	2 (1.0)	4 (1.0)	8 (1.1)*	8 (1.4)*
Pigmentation, hepatocyte intracytoplasmic/intracanalicular	0	1 (1.0)	4 (1.3)	7 (1.4)*
Pigmentation, Kupffer cells	0	3 (1.3)*	7 (1.3)*	9 (1.6)*

^aData represent the total number of lesions and average severity (in parenthesis) for each lesion by group; lesion severity was based on a 0–4 grading scale

*Significant differences ($p \leq .05$) from control using CMH tests (implicitly including both incidence and severity).