

S369 R349 C347	
Cas No.	106-46-7
Study type	Dose selection study for carcinogenicity (13 week)
Species	Rat (F344/N)
Route	Gavage
Solvent	Corn oil
Dose level	5 doses (300, 600, 900, 1200, 1500 mg/kg)
Death	900 (♂: 1/10, ♀: 2/10), 1200 (♂: 5/10, ♀: 1/10), 1500 (♂: 8/10, ♀: 9/10)
NOEL	<300 mg/kg/day

Clinical observation	Tremors: >1200♂, 1500♀ Poor motor response: >1200♂, 1500♀ Ocular discharge: >1200♂, 1500♀
FOB	-
Body weight	↓: >300♂, >900♀
Food consumption	-
Water consumption	-
Urinalysis	Coproporphyrin↑: >1200♂♀ Uroporphyrin↑: >1200♂
Hematology	Hct↓: >300♂ Hgb↓: >300♂ RBC↓: >300♂
Blood chemistry	TG↓: >300♂ Cho↑: >600♂, >900♀ BUN↑: >1200♂
Absolute	-
Relative organ weight	-
Histopathology	Kidney-Multifocal degeneration or necrosis of renal cortical tubular epithelial cell: >300♂♀ Kidney-Renal tubular cell degeneration: >300♂♀ Liver-Degeneration/necrosis, hepatocytes: >1200♂♀ Bone marrow-Hypoplasia: >1200♂♀ Spleen-Lymphoid depletion: >1200♂♀ Thymus-Lymphoid depletion: >1200♂♀ Small intestinal mucosa-Epithelial necrosis: >1200♂♀ Small intestinal mucosa-Villar bridging: >1200♂♀ Nasal turbinates-Epithelial necrosis: >1200♂♀
Organ weight to brain weight ratios	Uterus↓: >300♀ Kidney↑: >600♂ Liver↑: >900♂♀ Thymus↓: 1500♂