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| S10001 R10001 C10001 | |
| Cas No. | 95-78-3 |
| Study type | Repeated Dose Toxicity Study (28 days) |
| Species | Rat (SD) |
| Route | Oral (Gavage) |
| Solvent | Corn oil |
| Dose level | 3 doses (12, 60, 300 mg/kg/day) |
| Death | - |
| NOEL | ♂♀: 12 mg/kg/day |
| NOAEL | - |
|  | |
| Clinical observation | Staggering gait: 300♂♀  Lacrimation: 300♂♀  Salivation: 300♂♀ |
| FOB |  |
| Body weight | Body weight gain↓: 300♂ |
| Food consumption | ↓: 300♂ |
| Water consumption | ↑: 300♂♀ |
| Urinalysis | Volume↑: 300♂♀  Specific gravity↓: 300♂♀  pH↓: 300♂ |
| Hematology | RBC↓: 300♂♀  HCT↓: 300♂♀  HGB↓: 300♂♀  MCHC↓: 300♂  Met-HGB↑: 300♂♀  RET↑: 300♂♀  NEUT↑: 300♂  LYMPH↓: 300♂  PT↑: 300♀ |
| Blood chemistry | α1-glob↓: ≧60♂, 300♀  β-glob↑: ≧60♂  T-bil↑: 300♂♀  α2-glob↑: 300♂♀  BUN↑: 300♂♀ |
| Thyroid hormone | - |
| Absolute organ weight | N/A |
| Relative organ weight | Liver↑: 300♂♀  Kidney↑: 300♂♀  Spleen↑: 300♂♀ |
| Necropsy | Forestomach-Thickening, mucosa, focal: ≧60♂, 300♀  Kidney-Yellowish white discoloration, papilla, bilateral: 300♂♀ |
| Histopathology | Liver-Hypertrophy, hepatocyte, centrilobular: 300♂♀  Kidney-Eosinophilic body, proximal tubular epithelium: ≧60♂  Kidney-Edema, interstitium, papilla: 300♂♀  Kidney-Necrosis, papilla: 300♂♀  Kidney-Cellular infiltration, inflammatory cell, papilla: 300♂♀  Forestomach-Squamous cell hyperplasia: ≧60♂♀  Forestomach-Hyperkeratosis: ≧60♂♀  Spleen-Congestion: 300♂♀  Spleen-Increase, deposit, hemosiderin: 300♂♀  Bone marrow- Increase, erythropoiesis:300♀ |