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| S10003 R10003 C10003 | |
| Cas No. | 88-41-5 |
| Study type | TG422/ OECD: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test |
| Species | Rat (SD) |
| Route | Oral (gavage) |
| Solvent | Corn oil |
| Dose level | 3 doses (50, 150, 500 mg/kg/day) |
| Death |  |
| NOEL | ♂: <50 mg/kg/day |
| NOAEL | ♂: <50 mg/kg/day |
|  | |
| Clinical observation | Salivation: 500♂  Clonic convulsion: 500♂ |
| FOB | N/A |
| Body weight | Body weight gain↓: 500♂ |
| Food consumption | ↓: 500♂ |
| Water consumption | ↑: 500♂ |
| Urinalysis | Volume↑: 500♂  Osmolality↓: 500♂  Na↑: 500♂  K↑: 500♂  Cl↑: 500♂ |
| Hematology | N/A |
| Blood chemistry | GULC↓: 500♂  T-bile acids↓: 500♂ |
| Thyroid hormone | N/A |
| Absolute organ weight | Liver↑: ≧50♂  Kidney↑: ≧50♂ |
| Relative organ weight | Liver↑: ≧50♂  Kidney↑: ≧50♂ |
| Necropsy | Liver-Large: 150♂  Kidney-Large: ≧150♂ |
| Histopathology | Liver-Hypertrophy, hepatocytic, centrilobular: ≧150♂  Kidney-Regeneration, tubular: ≧150♂  Kidney-Dilatation, tubular: 500♂  Kidney-Cast, granular: 500♂  Kidney-Cell infiltration, interstitial: 500♂  Thyroid-Hypertrophy, follicular cell: ≧150♂ |