**Supplementary file 1:** Relative organ weights (g/100g bw) recorded at the end of the study from experimental animals after 28 days of oral administration of aqueous extract of *S. incanum* Linn. Fruits.

|  |  |
| --- | --- |
| **Treated Groups** | **Organ weights (g/100 g bw)** |
| **Liver** | **Spleen** | **Kidney** | **Heart** | **Lung** | **Brain** |
| Control | 1.50±0.15 | 0.33±0.03 | 0.40±0.06 | 0.50±0.06 | 0.33±0.03 | 0.43±0.03 |
| AESI 95 mg/kg | 1.26±0.09 | 0.40±0.01 | 0.35±0.02 | 0.32±0.02 | 0.37±0.03 | 0.35±0.04 |
| AESI 190 mg/kg | 1.04±0.10 | 0.36±0.02 | 0.36±0.03 | 0.30±0.02 | 0.30±0.03 | 0.35±0.03 |
| AESI 380 mg/kg | 1.01±0.04 | 0.31±0.05 | 0.25±0.02 | 0.26±0.01 | 0.22±0.02 | 0.36±0.04 |

Values are presented as Mean ± Standard Error of the Mean (p >0.05). AESI: Aqueous Extract of *S. incanum* fruits, number of animals/group-5.

**Supplementary file 2:** Relative organ weights (g/100g bw) recorded at the end of the study

from experimental animals after 28 days of oral administration of ethanol extract of *S. incanum* Linn. Fruits.

|  |  |  |
| --- | --- | --- |
| **Treated Groups** |  | **Organ weights (g/100g bw)** |
|  | **Liver** | **Spleen** | **Kidney** | **Heart** | **Lung** | **Brain** |
| Control |  | 1.50±0.15 | 0.33±0.03 | 0.40±0.06 | 0.50±0.06 | 0.33±0.03 | 0.43±0.03 |
| EESI 125 mg/kg |  | 1.13±0.15 | 0.30±0.06 | 0.33±0.03 | 0.33±0.03 | 0.33±0.03 | 0.39±0.02 |
| EESI 250 mg/kg |  | 1.30±0.07 | 0.37±0.04 | 0.32±0.03 | 0.25±0.04 | 0.22±0.02 | 0.37±0.04 |
| EESI 500 mg/kg |  | 1.30±0.17 | 0.32±0.08 | 0.41±0.08 | 0.33±0.02 | 0.24±0.03 | 0.39±0.03 |

Values are presented as Mean ± Standard Error of the Mean (p > 0.05). EESI: Ethanol Extract of *S. incanum* fruits, number of animals/group-5.