

ACUTE ORAL TOXICITY STUDY OF A-FLU-O-CIL TABLET IN MICE

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ABSTRACT

Objective: To study the acute toxicity of the A-Flu-O-Cil Tablet in mice.

Material and Method: In this study A-Flu-O-Cil Tablet was administered to both male and female mice in two different doses. These doses were 6.5 mg/20 gm & 13 mg/ 20gm. The equivalent human doses are 2.5 gm and 5 gm respectively. The maximum dose administered was 10 times of the therapeutic dose.

Result: After the oral administration of A-Flu-O-Cil Tablet at the highest dose, no mortalities and morbidity was seen in any of the two groups which indicate that A-Flu-O-Cil Tablet is nontoxic. Throughout 14 days of the treatment no changes in behavioral pattern and body weight of mice in both control and treatment groups. There was no cyanosis, blanching or Inflammation of nasal tips, paws, eyes, ears & tail. Sedation was absent. Also, No abnormal secretion from mouth, eyes & nose was seen

Conclusion: The result of the study shows that A-Flu-O-Cil. Tablet does not cause any apparent in-vivo toxicity in an animal model. There were no signs and symptoms of toxicity observed even for 10 times of the therapeutic dose. Thus the result of the study establishing its safety in use.

Keywords: A-Flu-O-Cil Tablet, Acute Toxicity, body weight, cyanosis, non-toxic etc
