Efek teratogenik ekstrak metanol daun Dendrophthoe pentandra, Miq pada mencit

The teratogenic effect of methanol extract of the leaves of Dendrophthoe pentandra, Miq in mice

JURNAL KEDOKTERAN YARSII 12 (1) : 046-051 (2004)

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ABSTRACT  Leaves of Dendrophthoe pentandra, Miq, member of Loranthaceae family, had been used frequently as a traditional antihypertensive agent. To assure the safety of this usage, especially for pregnant women, further investigation should be carried out. This study was aimed to test the teratogenic effect of the methanol extract of Dendrophthoe pentandra during the organogenesis period of the pregnancy of mice. The methanol extract of Dendrophthoe pentandra was prepared by macerating its leaves and was administered orally at several concentrations to mice at the time of organogenesis. The teratogenic effect showed a significant impact at doses of 20% and 30% weight/volume respectively.