

V. CONCLUSION

5.1 Conclusion

The conclusions of this study are as follows:

1. Corn Hair Extract data did not significantly difference at increased intelligence test, spatial intelligence and social interaction test. But, makes a significant difference on the curiosity test of mice induced by tartrazine with dose of 1000 mg/kg BW.
2. Corn silk extract with a dose of 1000 mg/kg BW was able to reduce the brain tissue MDA levels of mice induced by tartrazine.
3. Corn Hair Extract data did not significantly difference at cortex thickness. But, prevents damage to the prevents tartrazine-induced degeneration of mouse neurons with with a dose of 1000 mg/kg BW.
4. The results of the GC-MS analysis show that corn silk extract contains antioxidant bioactive compounds, antimicrobial, antifungal, anti-inflammatory, insecticidal and acetic acid.

5.2 Suggestion

It is recommended to conduct further studies on corn silk extract and further purification of the antioxidant compounds contained in corn silk extract for further research.