

## **UNIVERSITI PUTRA MALAYSIA**

# METABOLITE PROFILING AND EVALUATION OF THE ANTI-DEPRESSANT EFFECT OF CLITOREA TERNATEA L. ROOTS

## **MUHAMMAD AFIQ BIN NGADNI**

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### METABOLITE PROFILING AND EVALUATION OF THE ANTI-DEPRESSANT EFFECT OF *Clitorea ternatea* L. ROOTS

Ву

**MUHAMMAD AFIQ BIN NGADNI** 

Thesis Submitted to the School of Graduate Studies, Universiti Putra Malaysia, in Fulfilment of the Requirements for the Degree of Master of Science

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