



UNIVERSITI PUTRA MALAYSIA

***NEW SEMISYNTHETIC ANDROGRAPHOLIDE AND 14-DEOXY-11,
12-DIDEHYDROANDROGRAPHOLIDE DERIVATIVES WITH
ANTICANCER, ANTI-HISTAMINE AND NITRIC OXIDE
INHIBITORY ACTIVITIES***

ETHEL JEYASEELA JEYARAJ ASIRVATHAM

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By

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**Thesis Submitted to the School of Graduate Studies, Universiti Putra Malaysia,
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