



**BIOLOGICAL ACTIVITIES OF *Cordyline fruticosa* LEAVES
AND SYNTHESIS OF XANTHENE DERIVATIVES
USING HEXABROMOACETONE**

MR. CHRISTIAN KURNIA PUTRA

**A THESIS SUBMITTED IN PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR
THE DEGREE OF MASTER OF SCIENCE (CHEMISTRY)
FACULTY OF SCIENCE
KING MONGKUT'S UNIVERSITY OF TECHNOLOGY THONBURI
2014**

Biological Activities of *Cordyline fruticosa* Leaves and
Synthesis of Xanthene Derivatives using Hexabromoacetone

Mr. Christian Kurnia Putra, B. Pharm. (Pharmacy)

A Thesis Submitted in Partial Fulfillment of the Requirements for
the Degree of Master of Science (Chemistry)
Faculty of Science
King Mongkut's University of Technology Thonburi
2014

Thesis Committee

..... (Lect. Withawat Mingvanish, Ph.D.)	Chairman
..... (Lect. Oraphin Chantarasriwong, Ph.D.)	Thesis Advisor
..... (Lect. Choladda Srisuwannaket, Ph.D.)	Co-Thesis Advisor
..... (Lect. Nakorn Niamnont, Ph.D.)	Member
..... (Asst. Prof. Wanchai Pluempanupat, Ph.D.)	Member