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CARBAZOLE ALKALOIDS AND COUMARINS FROM Clausena harmandiana AND Micromelum minutum



Miss Vimon Tantishaiyakul

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By Miss Vimon Tantishaiyakul

Department Pharmaceutical Chemistry

Thesis Advisor Associate Professor Sunibhond Pummangura, Ph.D.

Assistant Professor Darawan Thanyavuthi, M.S.in Pharm.

Accepted by the Graduate School, Chulalongkorn University in Partial Fulfillment of the Requirements for the Master's degree.

(Associate Professor Supradit Bunnag, Ph.D.)

Thesis Committee :

Boomst La Chairman

(Assistant Professor Boonardt Saisorn, M.S. in Pharm.)

Eh Soil Member

(Assistant Professor Ekarin Saifah, Ph.D.)

Darawan Chanyavithi Member

(Assistant Professor Darawan Thanyavuthi, M.S. in Pharm.)

Chaigo Chaichantipyath Member

(Mr. Chaiyo Chaichantipyuth, M.Sc.in Pharm.)

Sumblend Immangn Member

(Associate Professor Sunibhond Pummangura, Ph.D.)

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ชื่อนิสิต นางสาววิมล ตันติไชยากุล

อาจารย์ที่ปรึกษา รองศาสตราจารย์ คร. สุนิพนธ์ ภุมมางกูร

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จากการสกัดและการแยกสารควย คอลัมน์ โครมาโตกราฟี สามารถแยกคารบาโซล อัลคาลอยค์ 2 ชนิค คือ 6-methoxyheptaphylline และ lansine จากเปลือกรากของ ต้นส่องฟาคง และแยกคูมารีน phebalosin, micromelin และสารพวก sterol จาก เปลือกตนของหัศคุณไทย สารที่แยกไคทั้งหมคนี้ นำมาหาคุณลักษณะเฉพาะโคยวิธีสเปคโตร-สโคปี และไคมีการกำหนคคา chemical shift ที่ถูกต้องของโปรตอนของคารบาโซล อัลคาลอยค์ทั้ง 2 ตัวขึ้นใหม่

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Name Miss Vimon Tantishaiyakul

Thesis Advisor Associate Professor Sunibhond Pummangura, Ph.D.

Assistant Professor Darawan Thanyavuthi, M.S.in Pharm.

Department Pharmaceutical Chemistry

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ABSTRACT

The carbazole alkaloids 6-methoxyheptaphylline and lansine and coumarins phebalosin and micromelin were isolated by means of column chromatography from the root bark of Clausena harmandiana Pierre and the stem bark of Micromelum minutum wight and Arn., respectively. An addition of sterol was obtained from the second plant. All of these isolated compounds were identified by spectroscopic methods and also certain chemical shifts of protons of two carbazole alkaloids were reassigned.



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