

อัลคาลอยด์จากใบคอนทมาแดง



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ALKALOID(S) FROM *Ancistrocladus tectorius* LEAVES

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for the Degree of Master of Science in Pharmacy

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บทคัดย่อ

Ancistrocladine เป็นอัลคาลอยด์ในกลุ่มของ naphthalene-isoquinoline ชนิดใหม่ที่แยกได้จากใบของต้นไมยราไทยชื่อ "คอนหมาแดง" (*Ancistrocladus tectorius* (Lour.) Merr.) ได้กำหนดสูตรโครงสร้างของอัลคาลอยด์นี้โดยใช้ X-ray crystallography และ proton nmr

Ancistrocladine เป็น 7,3'-linked naphthalene-isoquinoline ชนิดที่ 2 ที่เคยพบในธรรมชาติ

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ABSTRACT

A new member of the naphthalene-isoquinoline series of alkaloids, ancistrotectorine has been isolated from the leaves of the Thai medicinal plant *Ancistrocladus tectorius* (Lour.) Merr. The structure was deduced through single crystal X-ray crystallography and complete ^1H nmr spectroscopic assignments were made.

Ancistrotectorine is the second member of the 7,3'-linked naphthalene-isoquinoline alkaloid group to be isolated.



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