

Chapter V

Conclusion

Two aporphine alkaloids were isolated from the leaves of a Thai plant, *Litsea cubeba* (Lour.)Pers. collected from the mountain of Mae Hong Son. The alkaloids were identified as (-)-domesticine and (+)-isoboldine. (+)-Isoboldine is as the major alkaloid in this part. Their structure were identified by means of uv, eims, ir, and nmr spectroscopy.

The occurrence of domesticine in the genus *Litsea* supported the classification of the genus *Cassytha* that belong to the family Lauraceae.

Isoboldine also have been reported to accure as the major alkaloid in other plant sources, suggest that it may be the intermediat of other alkaloids.

The results would be beneficial in providing explanations for the medicinal uses of this plant and information for the chemotaxonomy at the Family, Tribe and Genus levels.

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