

CHAPTER VI

CONCLUSION

Strychnos thorelii Pierre ex Dop is one of the medicinal plants used in Thai traditional medicine which has not been formerly reported on phytochemical study . The present investigation , two compounds were isolated from the stem of this plant. One of the compound is tetralin lignan , named lyoniresinol (ST-1) , a known lignan previously isolated from *Ulmus thomasi* Sarg.¹⁴¹ The identification of this compound was based on the data from the various spectroscopic techniques and confirmed by comparison with the published values in the literatures . The other compound is alkaloid (ST-2). The structure of ST-2 has not been completely elucidated . Therefore , further study should be done on the elucidation of the structure of an unidentified alkaloid.

This work has offered some knowledge in expanding chemotaxonomic information and phytochemical notification. Further investigation on other constituents of the plant and on biological activities of the isolated compounds are recommended.