

Thesis title	Active Constituents of <i>Centella asiatica</i> (Linn.) Urban in Thailand
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## ABTRACT

The triterpene compounds isolated from *Centella asiatica* (Linn.) Urban in Thailand, having a definite potential as promoters of wound healing, were studied in order to investigate their structures. The investigation indicates that triterpene saponins and sapogenins from the whole plant of *C. asiatica* in Thailand are identical with those isolated from India. The major triterpene saponin is asiaticoside consisting of sapogenin, asiatic acid, and the sugar components which have been identified as one rhamnose and two glucose residues. Two related saponins, asiaticoside A and asiaticoside B were also isolated directly from the plant as well as other sapogenins, 6 $\beta$ -hydroxy asiatic acid and terminolic acid. The structure of these compounds were elucidated by spectroscopic methods.